

**Lotofclasses: 10,000 visuaalisen luokan oppiminen tietokonenäöllä**

Kämäräinen, J.

1/09/13 → 31/08/17

Project: Academy of Finland

**360video: 360 video intelligence**

Mikkonen, T., Vanne, J., Ihantola, P., Vaaranmaa, T. & Ihantola, P.

1/07/16 → 31/12/18

Project: Tekes

**5G AKA MTC: 5G AKA MTC - Erittäin tiheiden 5G verkkojen perustekniikat ja niiden soveltaminen koneiden väliseen tietoliikenteeseen**

Valkama, M.

1/02/15 → 31/12/17

Project: Academy of Finland

**5G-NDP: 5G - NDP - 5G Networks and Device Positioning**

Valkama, M.

1/01/15 → 30/04/17

Project: Tekes

**TT5G: 5G-siirtoteknologiat**

Kucheryavy, E.

1/02/15 → 31/12/17

Project: Academy of Finland

**Ääniohjattavat pisarat: Äänellä ohjattavat pisarat mikrofluidistiikassa**

Sariola, V.

1/09/17 → 31/08/21

Project: Academy of Finland

**Expenses for impedance measurement and analysis of grid-connecte: AAT**

Roinila, T.

1/09/14 → 31/08/17

Project: Academy of Finland

**AAWA: AAWA Initiative**

Multanen, P.

1/01/15 → 30/06/17

Project: Tekes

**BioStirling: A cost effective and efficient approach for a new generation of solar dish-Stirling plants based on storage and hybridization**

Konttinen, J.

1/01/15 → 30/04/17

Project: EU

**ATLANTIS: Advanced active glass-ceramics into optical fibers**

Petit, L.

1/09/17 → 31/08/21

Project: Academy of Finland

**AdvBAN1: Advanced Antenna, Microwave and Wireless Sensing Technology for Energy Efficient Implantable and Wearable Systems in Body-Area Networks and Human Intranet**

Björninen, T. & Björninen, T.

1/09/16 → 31/08/19

Project: Academy of Finland

**ABWET: Advanced Biological Waste-to-Energy Technologies**

Puhakka, J., Lakaniemi, A., Dessi, P., Khanongnuch, R., Okonkwo, O., Singh, S. & Tao, R.

1/01/15 → 31/12/18

Project: EU

**ACP 2017: Advanced Connectivity Platform for Vertical Segments**

Harju, J. & Harju, J.

1/01/17 → 31/12/17

Project: EU

**Advanced Connectivity Platform for vertical segments (ACTIVE)**

Silverajan, B.

1/01/18 → 31/12/18

Project: EU

**Advanced Secure Cloud Encrypted Platform for Internationally Orchestrated Solutions in Healthcare**

Michalas, A.

1/12/18 → 30/11/21

Project: EU

**SEXUM: Advanced technologies for sustainable exploitation of uranium-bearing mineral resources**

Lakaniemi, A., Lakaniemi, A., Jain, R. & Sulonen, M.

1/09/15 → 31/08/19

Project: Academy of Finland

**AdvBAN: AdvBAN - Advanced Antenna, Microwave and Wireless Sensing Technology for Energy Efficient Implantable and Wearable Systems in Body-Area Networks and Human Intranet**

Björninen, T. & Björninen, T.

1/09/16 → 31/08/21

Project: Academy of Finland

**AdvIOT: AdvIOT IRSES (Marie Curie)**

Virkki, J., Sydänheimo, L. & Sydänheimo, L.

1/11/13 → 31/10/17

Project: EU

**AIF**

Koskinen, K.

1/04/18 → 31/03/20

Project: Tekes

**AIMHIS: AIMHIS - WiFiUS: Ambient Re-Scatter inspired Machine Type**

Lempiäinen, J.

1/04/17 → 31/12/19

Project: Academy of Finland

**5G TRX: AKATEMIA: 5G Transceivers for Base Stations and Mobile Devices (5G TRX)**

Valkama, M. & Valkama, M.

1/01/16 → 1/05/19

Project: Tekes

**AKU: Akustinen tiedustelu- ja valvontajärjestelmä**

Visa, A.

1/12/12 → 31/12/14

Project: Tekes

**ALL-YOUTH wants to rule their world**

Väänänen, K.

1/01/18 → 31/12/20

Project: Academy of Finland

**ALMARVI: ALMARVI - Algorithms, Design Methods, and Many-Core Execution Platform for Low-Power Massive Data-Rate Video and Image Processing**

Takala, J.

1/04/14 → 30/06/17

Project: Tekes

**Älykäs valmistus ekosysteemissä**

Koskinen, K.

1/09/18 → 31/08/20

Project: Tekes

**AMaLIA**

Gabbouj, M.

1/08/18 → 30/09/19

Project: Tekes

**AMETIST: AMETIST Advanced III-V Materials and Processes Enabling Ultrahigh-efficiency (50%) Photovoltaics**

Guina, M., Guina, M., Aho, A., Aho, T., Isoaho, R., Polojärvi, V. & Raappana, M.

30/12/16 → 31/12/21

Project: EU

**ArTEco DMS: Arctic thruster ecosystem**

Lehtovaara, A.

1/01/15 → 31/03/18

Project: Tekes

**Arrowhead: Arrowhead**

Martinez Lastra, J., Jokinen, J. & Postelnicu, C.

1/03/13 → 28/02/17

Project: Tekes

**ArTEco IHA: ArTEco IHA**

Huhtala, K.

1/09/14 → 31/03/18

Project: Tekes

**Production and energy system automation and Intelligent-Built en: ARTEMIS12-Arrowhead**

Kuikka, S., Hästbacka, D. & Hästbacka, D.

1/03/13 → 28/02/17

Project: Tekes

**WITH-ME: ARTEMIS12-WITH-ME**

Korhonen, I. & Nieminen, H.

1/06/13 → 30/09/16

Project: Tekes

**ProcuValue: Arvoa hankinnoista**

Martinsuo, M., Heikkilä, J., Jääskeläinen, A., Heikkilä, J. & Thitz, O.

1/01/15 → 31/10/17

Project: Tekes

**ATHENA: ATHENA: autentikoidun salausalgoritmin analyysi**

Brumley, B. & Brumley, B.

1/09/16 → 31/08/18

Project: Academy of Finland

**Sharma academy: ATP\_tä tuottavien protonipumppujen rakenteellinen ja toiminnallinen analyysi mittavilla atomitason molekyyliidynaamisilla simulaatioilla toteutettuna**

Sharma, V.

1/09/13 → 31/08/16

Project: Academy of Finland

**A Training Network on Designing Novel Bio-based Fibre Products for Targeted Advanced Properties and New Applications**

Sarlin, E.

1/12/17 → 30/11/21

Project: EU

**Audiobrain: Audiobrain**

Virtanen, T. & Virtanen, T.

1/09/15 → 31/08/19

Project: Academy of Finland

**Augmented monitoring with intelligent machines at CERN**

Pieters, R.

1/10/18 → 30/04/19

Project: Tekes

**APS-panel: Aurinkopolttopaneeli - luonnon innoittama ratkaisu energiatuotantoon. Mimicking the nature's blueprint of sustainable energy production - Artificial Photosynthesis Panel**

Ali-Löytty, H. & Ali-Löytty, H.

1/09/17 → 31/08/20

Project: Academy of Finland

**ADELE: Autoimmune Defense and Living Environment**

Rajaniemi, J.

1/01/15 → 31/12/19

Project: Tekes

**Autoimmune defense and living environment - Phase 2**

Rajaniemi, J.

1/01/18 → 31/12/20

Project: Tekes

**AUTOGRACE: Autonominen kappaleiden tartunta ja multimodal käyttöliityntä raskaille liikkuville työkoneille**

Mattila, J. & Mattila, J.

1/01/17 → 31/12/18

Project: Academy of Finland

**UNEXMIN: Autonomous Underwater Explorer for Flooded Mines**

Koskinen, K., Aaltonen, J. & Zavari, S.

1/02/16 → 31/10/19

Project: EU

**Avan Tomography: Avan Tomography**

Ruotsalainen, U.

30/07/13 → 31/12/14

Project: Tekes

**BAMOMAS: BAMOMAS Battery Monitoring System**

Kucheryavy, E.

1/07/16 → 31/12/17

Project: Tekes

**B-D-Finance: B-D-Finance**

Gabbouj, M. & Gabbouj, M.

28/09/15 → 30/09/19

Project: EU

**BEST TUT ELT: BEST - Sustainable bioenergy solutions for tomorrow**

Korpinen, L.

1/01/13 → 31/12/15

Project: Tekes

**BEST TUT ELT II: BEST TUT ELT II - Sustainable bioenergy solutions for tomorrow**

Korpinen, L.

1/01/15 → 31/12/16

Project: Tekes

**Bhattacharyya: BhattacharyyaFiDiPro**

Takala, J.

1/01/15 → 31/12/18

Project: Tekes

**Big Data Finance: Big Data Finance**

Kanniainen, J., Kanniainen, J. & Baltakys, K.

1/10/15 → 30/09/19

Project: EU

**BigMatch: Big Social Data Analytics for Intelligent Social Matching**

Huhtamäki, J.

1/09/17 → 30/11/19

Project: Tekes

**BioelectroMET: Bioelectrochemical systems for metal recovery**

Puhakka, J., Lakaniemi, A., Lay, C. & Sulonen, M.

1/04/12 → 31/03/16

Project: EU

**BioSWDev: Biointegrated Software Development for Adaptive Sensor Networks**

Mikkonen, T. & Christophe, F.

1/09/14 → 31/08/17

Project: Academy of Finland

**Biomedical Robotics and Applications: BioRA**

Kallio, P.

1/01/14 → 31/12/17

Project: EU

**Black Carbon Footprint valmisteluraha**

Rönkkö, T.

1/09/18 → 28/02/19

Project: Tekes

**Ihmisen varaosat - Biomateriaalit 2017-2018: BMT-IVO2-Biomat 2017-2018**

Kellomäki, M. & Kellomäki, M.

1/01/17 → 30/04/19

Project: Tekes

**BMT-IVO2-Biomat: BMT-IVO2-Biomat - Ihmisen varaosat 2 biomateriaalit**

Kellomäki, M.

1/01/15 → 31/12/18

Project: Tekes

**Ihmisen varaosat - kuvantaminen 2017-2018: BMT-IVO2-Kuva 2017-2018**

Hyttinen, J. & Hyttinen, J.

1/01/17 → 30/04/19

Project: Tekes

**BMT-IVO2-Kuva: BMT-IVO2-Kuva - Ihmisen varaosat 2 kuvantaminen**

Hyttinen, J.

1/01/15 → 31/12/18

Project: Tekes

**320079: Brain images**

Tohka, J. & Pepe, A.

1/12/09 → 30/11/14

Project: Academy of Finland

**Mobility grant Göery: Breakthroughs in Ghost Imaging**

Genty, G.

1/02/17 → 31/12/19

Project: Academy of Finland

**BSA-P2-APPGASS-VTK: BSA-P2-APPGASS-VTK**

Kuukkala, V.

1/01/14 → 30/06/17

Project: Tekes

**BSA-P2-GEFA-AL: BSA-P2-GEFA-AL**

Lehtovaara, A.

1/01/14 → 30/06/17

Project: Tekes

**BSA-P2-GEFA-VTK: BSA-P2-GEFA-VTK**

Kuukkala, V.

1/01/14 → 30/06/17

Project: Tekes

**BSA-P2-ODIGS-VTK: BSA-P2-ODIGS-VTK**

Kuukkala, V.

1/01/14 → 30/06/17

Project: Tekes

**BSA-P4-FUNMODE-VTK: BSA-P4-FUNMODE-VTK**

Kuukkala, V.

1/01/14 → 30/06/17

Project: Tekes

**Capacity Building for Renewable Energy Planning in Cuban Higher Education Institutions**

Majanne, Y.  
1/10/17 → 15/10/20  
Project: EU

**CardiomeDIC: CardiomeDIC**

Hokka, M. & Hokka, M.  
1/01/16 → 30/06/17  
Project: Tekes

**310408: CardSiPop**

Paci, M.  
1/09/17 → 31/08/20  
Project: Academy of Finland

**CIRCLE: CIRCLE - Coordinating European Research on Molecular Communications**

Kucheryavy, E. & Kucheryavy, E.  
1/06/15 → 31/05/17  
Project: EU

**CityTrack2**

Collin, J.  
1/08/17 → 31/07/19  
Project: Tekes

**Citizer: Cityzer**

Rönkkö, T., Rönkkö, T., Martikainen, S. & Silvennoinen, H.  
1/01/16 → 31/08/19  
Project: Tekes

**CLEAN: CLEAN - Clean Energy from Environment with Energy Harvesting**

Ruuskanen, P. & Ruuskanen, P.  
1/01/17 → 31/12/18  
Project: Tekes

**Energy Harvesting: Clean Energy from Environment with Energy Harvesting**

Kouhia, R. & Kouhia, R.  
1/01/17 → 31/12/18  
Project: Tekes

**C2NET: Cloud Collaborative Manufacturing Networks (C2NET)**

Martinez Lastra, J. & Korhonen, A.  
1/01/15 → 31/12/17  
Project: EU

**COBWEB: COBWEB**

Elomaa, T., Nykänen, O. & Huhtamäki, J.  
1/01/16 → 31/12/17  
Project: Academy of Finland

**COCOP - Coordinating Optimisation of Complex Industrial Processes: COCOP**

Vilko, M. & Hästbacka, D.  
1/10/16 → 31/03/20  
Project: EU

**CoE\_2018-20\_Hyttinen**

Hyttinen, J.  
1/01/18 → 31/12/20  
Project: Academy of Finland

**CoE\_2018-20\_Kallio**

Kallio, P.  
1/01/18 → 31/12/20  
Project: Academy of Finland

**CoE\_2018-20\_Kellomäki**

Kellomäki, M.  
1/01/18 → 31/12/20  
Project: Academy of Finland

**COMBI-ARK: COMBI - Asuntosuunnittelun tutkimusryhmän osuus**

Hedman, M.  
1/01/15 → 31/12/18  
Project: Tekes

**COMBI -Elinkaaritekniikka: COMBI-Elinkaaritekniikan tutkimusryhmän osuus**

Pentti, M.  
1/01/15 → 31/12/18  
Project: Tekes

**COMBI Ee+Rp: COMBI Energia- ja elinkaaritekniikka, rakentamisen prosessit**

Teriö, O. & Heljo, J.  
1/01/15 → 31/12/18  
Project: Tekes

**COMBI-Rakfys: COMBI-Rakennusfysiikan tutkimusryhmän osuus**

Vinha, J. & Laukkarinen, A.  
1/01/15 → 31/12/18  
Project: Tekes

**Compact and Efficient Deep Neural Networks for Ubiquitous Computer Vision**

Boutellier, J.  
1/09/17 → 31/08/21  
Project: Academy of Finland

**Computational glial research: Computational glial research**

Yli-Harja, O. & Yli-Hietanen, J.  
1/09/16 → 31/08/20  
Project: Academy of Finland

**coRENE: Converting the surplus of intermittent renewable energy to carbon-negative advanced biofuel**

Santala, V., Efimova, E. & Santala, S.  
1/01/15 → 31/12/18  
Project: Academy of Finland

**ActiveFit: Cooperative soft actuators for wearable support suits**

Ghabcheloo, R., Ghabcheloo, R. & Linjama, M.  
1/01/16 → 31/12/17  
Project: Academy of Finland



**CORE**

Helander, N.

1/09/17 → 31/08/21

Project: Academy of Finland

**COMPACT-FI: Cost-Efficient Smart System Software Synthesis**

Hämäläinen, T.

1/09/17 → 31/08/20

Project: Tekes

**CRAFTERS: Crafters - ConstRaint and Application driven Framework for Tailoring Embedded Real-time Systems**

Ahonen, T., Ghazanfari, L., Kylliäinen, J. P. & Zhang, G.

1/06/12 → 30/09/15

Project: Tekes

**CROWN - Constructing Reliable and Optimized Wearable Networks**

Galina, O.

1/09/18 → 31/08/21

Project: Academy of Finland

**CVDI 16 - Comparative: CVDI 16 - Comparative Knowledge Discovery: Analyzing, Understanding and Visualizing Rankings**

Iosifidis, A. & Gabbouj, M.

1/08/16 → 31/07/17

Project: Tekes

**CVDI 16 - Face: CVDI 16 - Face Recognition and Verification System**

Gabbouj, M.

1/08/16 → 31/07/17

Project: Tekes

**CVDI 16 - Patient: CVDI 16 - Patient Specific Framework for Biomedical Signal Management**

Gabbouj, M.

1/08/16 → 31/07/17

Project: Tekes

**CVDI 16 - Platform: CVDI 16 - Platform Invariant Low-level Image Processing**

Gabbouj, M.

1/08/16 → 31/07/17

Project: Tekes

**Cyber Trust: Cyber Trust / ASE**

Koivisto, H.

1/03/15 → 31/08/17

Project: Tekes

**Cyber Trust: Cyber Trust SHOK-ohjelma**

Harju, J. & Brumley, B.

1/03/15 → 31/08/17

Project: Tekes

**D4Value / AUT: D4Value / AUT**

Huhtala, K., Huhtala, K., Hyvönen, M. & Kolu, A.

1/12/16 → 30/04/19

Project: Tekes

**Development of Energy Education in the Mekong area: DEEM**

Majanne, Y. & Majanne, Y.

15/10/16 → 14/10/19

Project: EU

**deepAttribute: deepAttribute**

Chen, K.

1/09/16 → 31/08/19

Project: Academy of Finland

**DEEVA: DEEVA**

Helander, N.

1/11/16 → 30/04/19

Project: Tekes

**DeoxyPoly: Deoxygenation: Disarming Biomass-Derived Polyols**

Rafael Candeias, N. & Rafael Candeias, N.

1/09/15 → 31/08/20

Project: Academy of Finland

**DeoxyPoly2: Deoxygenation: Disarming Biomass-Derived Polyols**

Rafael Candeias, N., Rafael Candeias, N. & Assoah, B.

1/09/15 → 31/08/18

Project: Academy of Finland

**Deoxygenation: Disarming Biomass-Derived Polyols - Follow-on funding for research**

Rafael Candeias, N.

1/09/18 → 31/08/20

Project: Academy of Finland

**LIGFUEL: Depolymerization of Lignin and Bioconversion of Lignin-derived monomers to Biofuels**

Santala, V. & Santala, V.

1/04/17 → 30/09/20

Project: Academy of Finland

**DePPreSS - Jalkapohjan painejakauman mittaamiseen soveltuvien uu: DePPreSS**

Rajala, S.

1/01/11 → 22/08/16

Project: Academy of Finland

**FabSurfWAR-ESR: Design and Fabrication of Functional Surfaces with Controllable Wettability, Adhesion and Reflectivity**

Levänen, E.

1/01/15 → 31/12/18

Project: EU

**DWoC 2.0: Design Driven Value Chains in the World of Cellulose 2.0**

Kanerva, M., Vuorinen, J., Rissanen, M. & Sarlin, E.

1/04/15 → 31/03/18

Project: Tekes

**D4Value/TIE: Design for value**

Silverajan, B. & Harju, J.

1/12/16 → 30/04/19

Project: Tekes

**D4V: Design for value**

Seppänen, M. & Seppänen, M.

1/12/16 → 30/04/19

Project: Tekes

**SPM: Designing Materials for Efficient Supramolecular Photomechanics**

Vapaavuori, J. & Vapaavuori, J.

1/09/15 → 31/08/18

Project: Academy of Finland

**MDSWT: Designing Multi-Device Software based on Web Technologies**

Mikkonen, T. & Mikkonen, T.

1/01/16 → 31/12/16

Project: Academy of Finland

**DETECT: DETECT**

Kiranyaz, S. & Kiranyaz, S.

1/09/15 → 31/08/19

Project: Academy of Finland

**F4E Grant 5 - IHA: Development of Remote Diagnostics and Computer-aided Teleoperation Tools for Remote Handling**

Mattila, J., Aha, L., Nurmi, J. & Oftadeh, R.

1/10/15 → 30/11/17

Project: Tekes

**F4E Grant 5: SGN: Development of Remote Diagnostics and Computer-aided Teleoperation Tools for Remote Handling**

Gotchev, A., Bregovic, R. & Gotchev, A.

1/10/15 → 30/11/17

Project: Tekes

**Devenio: Devenio - Ohjatun ostamisen ja myynnin johtaminen**

Suomala, P., Uusitalo, O., Mahlamäki, T. & Ojala, M.

1/01/15 → 31/05/17

Project: Tekes

**Dexter: Dexter**

Pulkkinen, A.

1/08/16 → 31/12/18

Project: Tekes

**Digi-NewB: Digi-NewB**

Värri, A., Kallonen, A. & Nieminen, H.

1/03/16 → 29/02/20

Project: EU

**Digitaaliset käyttäjäpalvelut kiinteistöalalla**

Kähkönen, K.

1/01/18 → 31/12/19

Project: Tekes

**DiCos: Digitalcolloids**

Levänen, E.

1/04/17 → 31/03/20

Project: Tekes

**DiCos/AUT: Digitalcolloids/AUT**

Vilkkö, M.

1/04/17 → 31/03/20

Project: Tekes

**DigitalColloids\_KEB: DigitalColloids\_KEB**

Rintala, J. & Kokko, M.

1/04/17 → 31/03/20

Project: Tekes

**DHR2: Digital Health Revolution 2**

Honko, H. & Honko, H.

1/01/16 → 31/03/18

Project: Tekes

**Digital scents - Electronic Nose: DIGITS.eNose**

Lekkala, J., Vehkaoja, A. & Lekkala, J.

1/01/16 → 31/12/17

Project: Academy of Finland

**Digital scents - Smell Synthesizer: DIGITS.Synthe**

Kallio, P. & Kallio, P.

1/01/16 → 31/12/17

Project: Academy of Finland

**DISSE: DISSE - Disappearing sensors**

Vanhala, J.

1/05/15 → 31/12/17

Project: Tekes

**DDT: Ductile and Damage Tolerant Ceramic Coatings**

Vuoristo, P. & Vuoristo, P.

1/09/16 → 31/12/18

Project: Tekes

**Durable anti-icing slippery liquid infused porous surfaces by thermal spraying**

Koivuluoto, H.

1/09/18 → 31/08/22

Project: Academy of Finland

**DAC: Dwellers in Agile Cities**

Hedman, M. & Hedman, M.

1/04/16 → 31/03/19

Project: Academy of Finland

**MicroDyn: Dynamics of the Microplasticity of Metastable Austenite in Steels**

Hokka, M. & Hokka, M.

1/09/16 → 31/08/20

Project: Academy of Finland

**4KREPROSYS: EI5828 CELTIC+ 4KREPROSYS - 4K ultraHD TV wireless REMOTE PRODUCTION SYSTEMS**

Vanne, J. & Hämäläinen, T.

1/05/14 → 15/06/18

Project: Tekes

**DENSE: ECSEL 15-DENSE**

Guina, M., Viheriälä, J., Guina, M. & Aho, A.

1/06/16 → 31/05/19

Project: Tekes

**Productive4: ECSEL16 Productive4.0 - Electronics and ICT as enabler for digital industry and optimized supply chain management covering the entire product lifecycle**

Hästbacka, D. & Hästbacka, D.

1/05/17 → 30/04/20

Project: Tekes

**ECSEL 17 FitOptiVis**

Takala, J.

1/06/18 → 31/05/21

Project: Tekes

**ECSEL 17 PRYSTINE**

Hämäläinen, T.

1/05/18 → 30/04/21

Project: Tekes

**Edge Analytics for Smart Diagnostics in Digital Machinery Concept**

Huhtala, K.

1/09/18 → 31/10/20

Project: Tekes

**uSense II: Edistyneet antennirakenteet implantoituihin ja materiaaleihin integroitaviin mikroskooppisiin langattomiin tunnistus- ja aistimisjärjestelmiin**

Ukkonen, L. & Ukkonen, L.

1/09/15 → 31/08/17

Project: Academy of Finland

**Advanced RDT Group: Edistyneiden kallionporaustekniikoiden monifysiikkamallinnus**

Saksala, T.

1/09/16 → 31/08/19

Project: Academy of Finland

**Advanced RDT TS: Edistyneiden kallionporaustekniikoiden monifysiikkamallinnus**

Saksala, T.

1/09/16 → 31/08/21

Project: Academy of Finland

**230237: Efficient Energy Use**

Karvinen, R., Aronen, A. H. & Pasanen, P.

7/09/11 → 31/12/16

Project: Tekes

**Ekosysteemistä ponnahduslauta Euroopan suprajohdeklusteriin**

Stenvall, A.

1/10/18 → 30/04/19

Project: Tekes

**VIRJOX: Elämyksellisiä palveluita virtuaalitodellisuudessa**

Väätäjä, H.

1/11/16 → 31/05/18

Project: Tekes

**ELASTRONICS - enabling the future of wearable electronics**

Mäntysalo, M.

1/09/18 → 31/08/20

Project: Tekes

**Elementtimenetelmään perustuvan laskennan kehittäminen somatosensorisen aivokuoren rekonstruktiossa ja manipuloinnissa**

Pursiainen, S.

1/02/18 → 31/12/19

Project: Academy of Finland

**EMPHASIS - EMPowering Heterogeneous Aviation through cellular SignalS - EMPHASIS**

Valkama, M.

1/02/18 → 31/01/20

Project: EU

**ENADA**

Kiili, K.

1/09/17 → 31/08/21

Project: Academy of Finland

**Energy autonomous wireless sensor systems powered by printed light energy harvesting**

Priimägi, A.

1/09/18 → 31/08/21

Project: Academy of Finland

**GEF1.0: Engineering and analysis tools of synthetic genes with tailored dynamics**

Sanches Ribeiro, A.

1/10/16 → 30/09/18

Project: Academy of Finland

**Cobweb: Enhancing Knowledge Work and Co-creation by Big Social Data weak ties in web-based online services**

Kärkkäinen, H., Jussila, J., Kärkkäinen, H., Käpylä, J. & Saloniemi, H.

1/01/16 → 31/12/17

Project: Academy of Finland

**COBWEB: Enhancing Knowledge Work and Co-creation by Big Social Data Weak Ties in Web-based Online Services**

Olsson, T. & Olsson, T.

1/01/16 → 31/12/17

Project: Academy of Finland

**FiDiPro Assanto: Epälineaariset nestekiteen edistynyttä optista signaalinkäsittelyä varten**

Kauranen, M.

1/09/14 → 31/08/18

Project: Academy of Finland

**EpiPhys: EpiPhys - Epiteelikudoksen toiminnan määrittäminen monifysikaalisen mittaamisen ja tietokonemallintamisen keinoin**

Hyttinen, J. & Hyttinen, J.

1/09/16 → 30/08/20

Project: Academy of Finland

**epiPrint1: epiPrint1 - Epidermaalielektroniikan kehittäminen hyödyntämällä nanomateriaaleja ja kehittyneitä painotekniikoita**

Mäntysalo, M. & Mäntysalo, M.  
1/09/15 → 31/08/18  
Project: Academy of Finland

**epiPrint2 - Epidermaalielektroniikan kehittäminen hyödyntämällä nanomateriaaleja ja kehittyneitä**  
Mäntysalo, M.  
1/09/18 → 31/08/20  
Project: Academy of Finland

**epiPrint: epiPrint - Epidermaalielektroniikan kehittäminen hyödyntämällä nanomateriaaleja ja kehittyneitä painotekniikoita**  
Mäntysalo, M. & Mäntysalo, M.  
1/09/15 → 31/08/20  
Project: Academy of Finland

**INTENT: Era-NET RUS INTENT Intelligent Materials and Nano-Structures for Optical Amplification**  
Okhotnikov, O.  
1/09/12 → 31/08/14  
Project: Academy of Finland

**EULIVA: Eucalyptus lignin valorisation for advanced materials and carbon fibres**  
Kuusipalo, J. & Lahti, J.  
1/09/17 → 28/02/21  
Project: EU

**EuCARD-2: EuCARD-2 Enhanced European Coordination for Accelerator Research & Development**  
Stenvall, A.  
1/05/13 → 30/04/17  
Project: EU

**EuroCirCol: EuroCirCol**  
Stenvall, A. & Salmi, T.  
1/06/15 → 31/05/19  
Project: EU

**ETN-FPI: European Training Network on Full Parallax Imaging**  
Gotchev, A. & Gotchev, A.  
1/10/15 → 30/09/19  
Project: EU

**EU-USA-HIT: EU-USA-HIT**  
Värri, A. & Nieminen, H.  
1/09/16 → 31/05/18  
Project: EU

**EVERYSOUND: EVERYSOUND**  
Virtanen, T.  
1/05/15 → 30/04/20  
Project: EU

**Excelsior: Excelsior Amplitude- ja taajuusmoduloitujen uudenlaisten lasereiden hyödyntäminen optisessa tiedonsiirrossa**  
Dumitrescu, M.  
1/01/13 → 30/11/15  
Project: Tekes

**EXTREME: EXTREME**  
Foi, A.

1/09/17 → 31/08/21  
Project: Academy of Finland

**EyeFunc2-Ionikanavien merkitys verkkokalvon pigmenttiepiteelin toiminnassa ja näköaistin ylläpidossa**  
Nymark, S.  
1/09/18 → 31/08/20  
Project: Academy of Finland

**EyeFunc: EyeFunc - Ionikanavien merkitys verkkokalvon pigmenttiepiteelin toiminnassa ja näköaistin ylläpidossa - Novel Roles for Ion Channels in Retinal Pigment Epithelium and Visual Function**  
Nymark, S. & Nymark, S.  
1/09/15 → 31/08/18  
Project: Academy of Finland

**EyeLase**  
Viheriälä, J.  
1/01/18 → 31/12/19  
Project: Tekes

**Impedance measurement and analysis of grid-connected power elect: FASTER POWER**  
Roinila, T.  
1/09/14 → 31/08/19  
Project: Academy of Finland

**FDX-kärki: FDX-kärki - Full-duplex-radiotekniikka: Seuraavan sukupolven langattoman tietoliikenteen mahdollistaminen**  
Syrjälä, V. & Syrjälä, V.  
1/10/16 → 30/09/18  
Project: Academy of Finland

**FibreNet-ESR**  
Kallio, P.  
1/12/17 → 30/11/21  
Project: EU

**FibreNet-Management**  
Kallio, P.  
1/12/17 → 30/11/21  
Project: EU

**FibRobotics Microrobotics for characterization of composite: FibRobotics**  
Kallio, P. & von Essen, M.  
1/05/15 → 31/12/17  
Project: Tekes

**Fidipro Manos: FiDiPro Manos - Edistyneet älykkäät langattomat RFID-teknologioita hyödyntävät tunnistus-ja sensorialustat**  
Ukkonen, L.  
28/06/12 → 30/10/17  
Project: Tekes

**FiDiPro Matas: FiDiPro Matas**  
Kämäräinen, J. & Kämäräinen, J.  
1/01/16 → 31/12/19  
Project: Tekes



**FiDiPro PAUL: FiDiPro PAUL - Printed, energy Autonomous Universal platform for multifunctional wireless sensors and devices (PAUL)**

Lupo, D.

1/11/14 → 31/10/19

Project: Tekes

**230012: FiDiPro Zhang**

Yli-Harja, O., Yli-Hietanen, J., Leinonen, K. & Zhang, W.

1/01/10 → 31/12/14

Project: Tekes

**FIN-DAAD: FIN-DAAD - Bioaktiiviset lasit ja niille räätälöity korkean lämpötilan prosessointi**

Massera, J.

1/02/16 → 1/02/18

Project: Academy of Finland

**GCLL: Finnish-China GreenICT R&D&I Living Lab for Energy Efficient, Clean and Sage Environments**

Keskinen, J. & Rönkkö, T.

1/08/13 → 31/08/16

Project: Tekes

**Solar: Finnish Solar Revolution**

Valkealahti, S., Messo, T. & Suntio, T.

1/06/16 → 31/12/18

Project: Tekes

**FIRI2014-MAX-IV infra: FIRI 2014 MAX-IV Infrastrukturi - FinEstBeaMS kiinteän faasin tutkimus**

Valden, M. & Hirsimäki, M.

1/02/15 → 31/12/18

Project: Academy of Finland

**FishSense: FishSense**

Strokina, N.

1/09/17 → 31/08/21

Project: Academy of Finland

**Fishview: FishView**

Kämäräinen, J.

1/01/14 → 31/03/17

Project: Academy of Finland

**D2W: From Data to Wisdom**

Martinsuo, M. & Ahola, T.

1/08/16 → 31/01/19

Project: Tekes

**From micro-scale data to macro-scale understanding for improved safety of composite materials**

Sarlin, E.

1/09/18 → 31/08/21

Project: Academy of Finland

**FUNBARK: Fundamentals of Barkhausen noise and magnetic field modelling. Multidisciplinary approach to implement sweep measurements for industrial quality control**

Vippola, M. & Vippola, M.

1/09/15 → 31/08/19

Project: Academy of Finland

**Health tracking: Fysiologisten signaalien aikasarja-analyysillä kohti täsmäterveydenhoitoa**

Räsänen, E.

1/10/16 → 30/09/18

Project: Academy of Finland

**TULOS: Fyysisesti aktivoivien peliympäristöjen tehokkuus oppimisessa. Pelejä tekemällä oppiminen vs pelaamalla oppiminen.**

Kiili, K.

1/01/14 → 31/12/17

Project: Academy of Finland

**GAMCO: Gamified Coding**

Hämäläinen, T. & Hämäläinen, T.

1/06/16 → 14/11/16

Project: Tekes

**GATEMAN - GNSS Navigation Threats Management (GATEMAN)**

Lohan, E.

1/01/18 → 31/12/19

Project: EU

**GENE EXPRESS 3: GENE EXPRESS 3**

Sanches Ribeiro, A. & Sanches Ribeiro, A.

1/09/16 → 31/08/20

Project: Academy of Finland

**Haavan lämpökuvaus älypuhelimella**

Viik, J.

1/09/18 → 28/02/19

Project: Tekes

**HEILA: Hajautettujen energiaressurssien integroitu liiketoiminta-alusta**

Järventausta, P.

1/03/17 → 30/06/19

Project: Tekes

**HaEner: Hajautetut energiajärjestelmät**

Kalema, T. & Viot, M.

1/05/12 → 31/12/14

Project: Tekes

**Halophoto: Halogeenisidotut, valolla ohjattavat funktionaaliset materiaalit**

Priimägi, A. & Priimägi, A.

1/09/14 → 31/08/19

Project: Academy of Finland

**Halophoto2: Halogeenisidotut, valolla ohjattavat funktionaaliset materiaalit**

Priimägi, A. & Stumpel, J.

1/01/17 → 31/08/17

Project: Academy of Finland

**HALOPHOTO3: Halogen-Bonded Photocontrollable Functional Materials**

Priimägi, A.

1/09/17 → 31/08/19

Project: Academy of Finland

**Resonanssi: Harmonisen resonanssi-ilmiön estäminen uusiutuviin energiamuotoihin perustuvassa sähköverkossa**  
Messo, T.  
1/09/16 → 31/08/19  
Project: Academy of Finland

**NanoLight: Harnessing Light at Nanoscale: Novel Approaches for Nonclassical Photon Sources and Nanolasers**  
Guina, M.  
1/09/17 → 31/08/21  
Project: Academy of Finland

**Harvan sivurajoitteen aikaansaama super-resoluutio mikroskopiassa ja neurokuvantamisessa**  
Koulouri, A.  
1/09/18 → 31/08/21  
Project: Academy of Finland

**PIHKA: Havupuiden pihka antimikrobisena lisäaineena kuitu- ja tekstiilisovelluksissa**  
Kanerva, M. & Kanerva, M.  
1/03/17 → 31/12/18  
Project: Tekes

**HBP2: HBP2**  
Linne, M. & Linne, M.  
1/04/16 → 31/03/18  
Project: EU

**HBP3**  
Linne, M.  
1/04/18 → 31/03/20  
Project: EU

**HERE: Health relevant and energy efficient regulation of exhaust particle emissions**  
Keskinen, J., Rönkkö, T., Alanen, J., Järvinen, A., Karjalainen, P., Kuittinen, N., Kuuluvainen, H., Martikainen, S., Ntziachristos, L. & Simonen, P.  
1/04/14 → 31/12/17  
Project: Tekes

**HiFlex: HiFlex - High-speed flexible circuitry for wireless communications**  
Lupo, D.  
1/09/17 → 31/08/21  
Project: Academy of Finland

**Scientific imaging: High-performance filtering for scientific imaging**  
Foi, A.  
1/09/11 → 31/08/14  
Project: Academy of Finland

**HILAS: HILAS High power fiber lasers and amplifiers with superior spectral-spatial characteristics**  
Filippov, V. & Kerttula, M. J. T.  
1/03/13 → 31/10/14  
Project: Tekes

**hionta: Hiontaprojekti**  
Järvenpää, V.  
1/09/12 → 30/09/14  
Project: Academy of Finland

**PARMAT: Hiukkaset kaivoksissa ja kaivosympäristöissä / Particulate matter in mines and mining environments**

Keskinen, J.

1/03/16 → 28/02/19

Project: Academy of Finland

**HOLO: HOLO**

Eguiazarian, K. & Eguiazarian, K.

1/12/15 → 31/12/18

Project: EU

**ERC Crowded-Pro-Lipids: How lipids affect protein function, and how this takes place dynamically in lipid-protein complexes under realistic crowded conditions**

Vattulainen, I., Manna, M., Parkkinen, T. & Pourmousa Abkenar, A. M.

26/04/12 → 30/04/17

Project: EU

**HARDyS: Human Action Recognition in Dynamic Scenes**

Iosifidis, A.

1/09/16 → 31/08/19

Project: Academy of Finland

**HBP: Human Brain Project**

Linne, M.

1/04/14 → 31/03/16

Project: EU

**HYB-P1-MULTI-EL: HYB-P1-MULTI-EL**

Levänen, E.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P1-MULTI-PV: HYB-P1-MULTI-PV**

Vuoristo, P., Koivuluoto, H. & Vuoristo, P.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P2-HIKICERA-EL: HYB-P2-HIKICERA-EL**

Levänen, E.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P2-HIKICERA-PV: HYB-P2-HIKICERA-PV**

Vuoristo, P., Koivuluoto, H. & Vuoristo, P.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P2-HIKICERA-T4-PV: HYB-P2-HIKICERA-T4-PV**

Vuoristo, P., Koivuluoto, H. & Vuoristo, P.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P2-HIKICERA-T5-PV: HYB-P2-HIKICERA-T5-PV**

Vuoristo, P., Koivuluoto, H. & Vuoristo, P.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P3-FuSaRe-JEV: HYB-P3-FuSaRe-JEV**

Vuorinen, J., Sarlin, E. & Sarlin, E.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P3-LONG-JEV: HYB-P3-LONG-JEV**

Vuorinen, J., Sarlin, E. & Sarlin, E.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P3-LONG-MVI: HYB-P3-LONG-MVI**

Vippola, M.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P4-OfCO-EL: HYB-P4-OfCO-EL**

Levänen, E.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P4-OfCO-JEV: HYB-P4-OfCO-JEV**

Vuorinen, J., Sarlin, E. & Sarlin, E.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P4-OfCO-PN: HYB-P4-OfCO-PN**

Sarlin, E., Hakala, T., Puolakka, A. & Nousiainen, P.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P4-SLIBE-AL: HYB-P4-SLIBE-AL**

Lehtovaara, A.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P4-SLIBE-JEV: HYB-P4-SLIBE-JEV**

Vuorinen, J., Sarlin, E. & Sarlin, E.

1/01/14 → 30/06/17

Project: Tekes

**HYB-P5-FUNMODE-VTK: HYB-P5-FUNMODE-VTK**

Kuukkala, V.

1/01/14 → 30/06/17

Project: Tekes

**Hybram: Hybram**

Coatanea, E. & Vihinen, J.

1/06/16 → 31/08/18

Project: Tekes

**Hybrids: Hybrid materials (FIMECC HYBRIDS)**

Mäkelä, J., Haapanen, J. & Sorvali, M.

1/01/14 → 30/06/17

Project: Tekes

**P1 MULTI -MVA: Hybrid materials programme (FIMECC Hybrids)**

Valden, M. & Lehtonen, E.

1/01/14 → 30/06/17

Project: Tekes

**Hybrid nano: Hybrid organic-inorganic nanostructures for solar cell applications**

Vivo, P.

1/09/13 → 16/07/17

Project: Academy of Finland

**HYDRA: HYDRA**

Linjama, M.

1/09/14 → 31/08/18

Project: Academy of Finland

**HHybrid 2: Hydraulic Hybrid Working Machines 2**

Linjama, M., Linjama, M., Heikkilä, M., Huova, M., Tammisto, J., Tiainen, O. & Tikkanen, S.

1/01/17 → 31/12/18

Project: Tekes

**ANSA: Hyttysansa malariantorjuntaan**

Kanerva, M., Rissanen, M., Honkala, M. & Sarlin, E.

1/08/16 → 31/01/18

Project: Tekes

**230205: IE oppimisen tilat**

Kähkönen, K.

1/11/11 → 31/03/15

Project: Tekes

**Ihmisen ja koneen kielenoppimisen kontekstisidonnainen laskennallinen perusta**

Räsänen, O.

1/09/18 → 31/08/21

Project: Academy of Finland

**Condenz: Ilmakehän klusterimuodostuksen suora havainnointi vaihtelevissa ymäristöissä konsistentilla ja liikkuvalla laitteistolla.**

Dal Maso, M.

1/09/17 → 31/08/21

Project: Academy of Finland

**ImmerSAFE**

Gotchev, A.

1/01/18 → 31/12/21

Project: EU

**IMMERSIVE**

Hamari, J.

1/10/17 → 30/09/18

Project: Tekes

**IMD: Immersive Media Distribution**

Gabbouj, M. & Gabbouj, M.

1/01/17 → 31/05/18

Project: Tekes

**PressureSense: Implantoitavien langattomien painesensoreiden hyödyntäminen biolääketieteessä: in vivo -testit kliinistä ja kaupallista hyödyntämistä varten**

Ukkonen, L. & Ukkonen, L.

1/10/16 → 30/09/18

Project: Academy of Finland

**ICSCSE: Information and Cyber Security in Communications and Software Engineering**

Helenius, M.

1/06/17 → 30/11/18

Project: Tekes

**Reaaliaikainen liikenteen tietojärjestelmä: INKA**

Kettunen, L. & Kettunen, L.

1/01/16 → 31/03/17

Project: Tekes

**INKA: INKA Ulkoilman laatuun ja väestön terveyteen liittyvän uusimman osaamisen ja innovaatio toiminnan vauhdittaminen**

Rönkkö, T., Järvinen, A., Kuuluvainen, H., Salo, L. & Silvennoinen, H.

1/04/15 → 31/03/17

Project: Tekes

**Innovation Scout: Innovation Scout**

Köppä, L.

1/01/17 → 31/12/17

Project: Tekes

**Innovative business opportunities enabled by next generation electric vehicle infrastructure**

Järventausta, P.

1/03/18 → 31/10/18

Project: Tekes

**Innovative strategies, sensing and process Chains for increased Quality, re-configurability, and recyclability of Manufacturing Optoelectronics**

Guina, M.

1/10/18 → 31/03/22

Project: EU

**MetroDECOM: In-situ metrology for decommissioning nuclear facilities**

Toivonen, J.

1/09/17 → 31/08/20

Project: EU

**InNPce: In situ physicochemical and spectroscopic methods for studying interactions of nanoparticles with live cells**

Vuorimaa-Laukkanen, E.

1/09/17 → 31/08/21

Project: Academy of Finland

**INSURE: INSURE - Tietoturva paikannuksessa ja navigointisovelluksissa**

Lohan, E. & Lohan, E.

1/09/16 → 31/08/18

Project: Academy of Finland

**IPLATE: Integrating platform competences toward network effects**

Seppänen, M. & Seppänen, M.

1/01/16 → 31/03/18

Project: Tekes

**Interactive network: Interaktiivinen sähköjakeluverkko**

Repo, S.

1/09/13 → 31/08/17

Project: Academy of Finland

**Interfero: Interferometric Imaging**

Astola, J. & Katkovnik, V.

1/01/11 → 31/12/14

Project: Academy of Finland

**Inversiomallinnuksen huippuyksikkö**

Kaasalainen, M.

1/01/18 → 31/12/20

Project: Academy of Finland

**Inversiomallinnuksen ja kuvantamisen huippuyksikkö**

Pursiainen, S.

1/01/18 → 31/12/20

Project: Academy of Finland

**Investor Cliques in Stock Markets**

Kanniainen, J.

16/05/18 → 15/05/20

Project: EU

**EyeBioPhys: Ionikanavien merkitys verkkokalvon pigmenttiepiteelin toiminnassa ja näköaistin ylläpidossa**

Nymark, S. & Nymark, S.

1/09/15 → 31/08/20

Project: Academy of Finland

**Ions-shaped: Ions-shaped Nanomaterials for Nonlinear Optics**

Slablab, A.

1/09/14 → 17/09/17

Project: Academy of Finland

**IoT-Compass: IoT-Compass**

Lanz, M.

1/09/16 → 28/02/17

Project: Other domestic

**ITTECH5G: ITTECH5G - Innovation of Transmission Technologies towards 5G Networks**

Renfors, M.

1/02/15 → 31/12/17

Project: Academy of Finland

**ICINA: Jääpilvet ja jäänukleaatio arktisella alueella/Ice Clouds and Ice Nucleation in the Arctic (ICINA)**

Keskinen, J., Arffman, A., Järvinen, S., Rostedt, A. & Saari, S.

1/01/15 → 31/12/18

Project: Academy of Finland

**Robust control: Jakautuneiden järjestelmien robusti säätö-Robust Control of Distributed Parameter Systems**

Paunonen, L.

1/09/17 → 31/08/21

Project: Academy of Finland



**CPS - Flexible link: Joustavien manipulaattorien CPS-pohjainen ohjaus ja valvonta**

Mattila, J. & Mattila, J.

1/01/16 → 31/12/17

Project: Academy of Finland

**RIMa: Kääntösirutekniikan menetelmien ja materialien luotettavuus**

Kettunen, L., Frisk, L., Kiilunen, J., Lahokallio, S. & Mostofizadeh, M.

1/12/12 → 30/04/16

Project: Tekes

**KÄVELI: Kävelyn Analysointi osana lääketieteellistä ekosysteemi alustan määrittelyä**

Ruokolainen, J. H. & Aarikka-Stenroos, L.

1/01/17 → 31/12/18

Project: Tekes

**Kohti epälineaarista nanokokoluokan fotonirakenteita hyödyntäen Nonlinear and quantum optics with chip-scale devices**

Huttunen, M. J.

1/09/17 → 31/08/20

Project: Academy of Finland

**HOPE: Kokonaisvaltaisesti ymmärtäen: Kokonaisarkkitehtuurin käyttöönotto julkisella sektorilla (HOPE-projekti)**

Pekkola, S. & Pekkola, S.

1/10/16 → 30/09/18

Project: Academy of Finland

**Collo: Kolloidisen suspension analysaattori**

Levänen, E. & Järveläinen, M.

1/01/15 → 31/12/16

Project: Tekes

**MultiFrequencyInversion: Korkea- ja matalataajuinen käänteiskuvantaminen harvan signaalin tapauksessa: biolääketieteelliset ja astro/geofysikaaliset sovellukset**

Pursiainen, S. & Pursiainen, S.

1/10/16 → 30/09/18

Project: Academy of Finland

**Korkeakineettisten monihierarkkisten metallipinnoitteiden lujitusmekanismit**

Vuoristo, P.

1/09/18 → 31/08/22

Project: Academy of Finland

**UEL: Koulutus elinvoimaisen kaupun kiyhteisön tekijänä**

Lehtovuori, P. & Lehtovuori, P.

1/01/17 → 31/12/19

Project: Academy of Finland

**Kurko-BoneApps: Kurko-BoneApps - Biohajoava huokoinen luunkorvikekomposiitti**

Kellomäki, M. & Paakinaho, K.

1/03/14 → 30/06/17

Project: Tekes

**LAPSUS: Lapsiperheiden uudistuva sairaala**

Mäkinen, S., Aarikka-Stenroos, L., Sundberg, H. & Aarikka-Stenroos, L.

1/01/15 → 30/06/18

Project: Tekes

**FiberEuse: Large scale demonstration on new circular economy value-chains based on the reuse of end-of-life fiber reinforced composites**

Sarlin, E. & Vuoristo, P.

1/06/17 → 31/05/21

Project: EU

**320046: Laskennallisesti tehokkaat sto**

Manninen, T.

1/01/09 → 15/10/14

Project: Academy of Finland

**Laskennallisesti tehokkaat stokastiset menetelmät: Laskennallisesti tehokkaat stokastiset menetelmät**

Manninen, T.

1/09/14 → 15/10/14

Project: Academy of Finland

**MassiPara: laskentamenetelmiä massivisille parabolisille tehtäville**

Stenvall, A., Lahtinen, V. & Salmi, T.

1/09/15 → 31/08/19

Project: Academy of Finland

**LASTU: LASTU**

Kettunen, L. & Kovanen, T.

1/04/12 → 30/09/16

Project: Academy of Finland

**Lightwave: Light Control in Dynamic Optical Waveguides**

Genty, G. & Genty, G.

1/09/16 → 31/08/20

Project: Academy of Finland

**LightningSense - Energiaomavaraiset langattomat anturijärjestelmät teholähteenään painettavat aurinkokennot ja energiavarastot**

Lupo, D.

1/09/18 → 31/08/21

Project: Academy of Finland

**Bio-e-MAT: Low-Cost and Efficient MFC Materials for Bioelectricity Production from Waste Materials**

Puhakka, J., Kokko, M., Lakaniemi, A., Haavisto, J. & Sulonen, M.

1/04/14 → 31/12/17

Project: Academy of Finland

**LubISS: Lubricant impregnated slippery surfaces**

Vuoristo, P. & Koivuluoto, H.

1/01/17 → 31/12/20

Project: EU

**LUOMA: Luonnonkuitu rinnakkaishanke**

Järvelä, P., Eteläaho, P. S. & Öhrling, J.

1/01/12 → 30/04/15

Project: Tekes

**LUXT5-A: LUXT5-A - Advanced materials for 5G technologies (LUXT5)**

Valkama, M. & Asp, A.

1/02/17 → 31/05/19

Project: Tekes

**LUXT5-M: LuxTurrim5G**

Kanerva, M. & Kanerva, M.

1/02/17 → 31/05/19

Project: Tekes

**M3MIMO: M3MIMO - Millimetriaaltoalueen massiiviset moniantennijärjestelmät**

Valkama, M. & Valkama, M.

1/09/15 → 31/08/19

Project: Academy of Finland

**LivingLabBus\_Navi: MaaS2015 Living Lab Bus - TTY, Navi**

Collin, J. & Collin, J.

1/08/15 → 31/07/19

Project: Tekes

**LivingLabBus\_UX: MaaS2015 Living Lab Bus - TTY, UX**

Väänänen, K. & Väänänen, K.

1/08/15 → 31/07/19

Project: Tekes

**Machine Learning for Industry Applications**

Ritala, R.

1/04/18 → 31/03/20

Project: Tekes

**MacSeNet: MacSeNet**

Foi, A. & Foi, A.

1/01/15 → 31/12/18

Project: EU

**MAGMEK: MAGMEK**

Rasilo, P. & Verho, P.

1/09/15 → 31/08/17

Project: Academy of Finland

**PLC: Making Programmable Logic Feasible in the Cloud**

Jääskeläinen, P.

1/09/16 → 31/08/19

Project: Academy of Finland

**InterSense: Mallit ja menetelmät langattomien implanttien väliseen vuorovaikutukseen ja aistimiseen ihmiskehossa (InterSense)**

Ukkonen, L. & Ukkonen, L.

1/09/16 → 31/08/20

Project: Academy of Finland

**MAMO-F: MAMO-F - prosessin merkitys globaalissa hiilen kierrossa**

Rissanen, A. & Rissanen, A.

1/09/15 → 31/08/18

Project: Academy of Finland

**MASI: Managing service impact - engaging facts and feelings**

Suomala, P., Laine, T., Korhonen, T., Lindholm, A., Paranko, J. & Saukkonen, N.

1/01/15 → 31/03/18

Project: Tekes

**MaNuMiES: MANufacturing, NUmeric, and Micromechanics in Engineering Sciences - TUT Continuum based fatigue model**

Kouhia, R. & Kouhia, R.

1/01/16 → 31/12/18

Project: Tekes

**MaNuMiES: MANufacturing, NUmeric, and Micromechanics in Engineering Sciences - TUT Fretting and Fatigue Models**

Lehtovaara, A. & Hintikka, J.

1/01/16 → 31/12/18

Project: Tekes

**MANU\_RAK: MANU, Future Digital Manufacturing Technologies and Systems, DigiMAP**

Heinisuo, M.

1/07/14 → 31/12/16

Project: Tekes

**DigiMAP: MANU - P2 DigiMAP**

Lanz, M., Tuokko, R., Coatanea, E., Kiviö, J. & Ikkala, K.

1/01/13 → 31/12/16

Project: Tekes

**ProMaGNet: MANU - P3 ProMaGNet**

Lanz, M., Riitahuhta, A. & Pulkkinen, A.

1/01/13 → 31/12/16

Project: Tekes

**LeanMES: MANU - P5 LeanMES**

Tuokko, R., Lanz, M., Lanz, M. & Järvenpää, E.

1/01/13 → 31/12/16

Project: Tekes

**BioMedp: Mari Curei Cofund**

Hyttinen, J.

1/09/16 → 31/08/21

Project: EU

**Marie-Sklodowska-Curie COFUND MULTIPLY**

Guina, M.

1/05/18 → 31/08/18

Project: EU

**ARVI 14: Materiaalien arvovirrat, ARVI**

Toivonen, J.

1/01/14 → 31/12/17

Project: Tekes

**Materiaalien dynaamisten prosessien mallinnusta tilastollisen fysiikan näkökulmasta**

Laurson, L.

1/09/18 → 14/03/19

Project: Academy of Finland

**420107: MATHGeAR**

Pohjolainen, S., Kuosa, K. & Myllykoski, T.

1/12/13 → 28/02/17

Project: EU

**DownTo10: Measuring automotive exhaust particles down to 10 nanometres & DownToTen**

Keskinen, J. & Keskinen, J.

1/10/16 → 30/09/19

Project: EU

**Metallic LSPR: Metalliset LSPR ja funktionaaliset 3D puolijohde nanorakenteet fotokatalyysin tehostamiseksi**

Manninen, V. M.

1/09/16 → 8/10/17

Project: Academy of Finland

**420106: MetaMath**

Pohjolainen, S., Kuosa, K. & Myllykoski, T.

1/12/13 → 28/02/17

Project: EU

**MIDAS**

Huttunen, H.

1/04/18 → 31/03/20

Project: Tekes

**Mimetic Interfaces: MIMEFACE**

Rantanen, V., Vehkaoja, A. & Lekkala, J.

1/09/14 → 31/08/18

Project: Academy of Finland

**MiniHypoxy: MiniHypoxy**

Kallio, P. & Kreutzer, J.

1/01/16 → 30/04/18

Project: Tekes

**MIREGAS: MIREGAS Programmable multi-wavelength mid-IR source for gas sensing**

Guina, M.

1/01/15 → 31/10/18

Project: EU

**Mixed Reality Forest**

Raunonen, P.

1/04/18 → 30/09/18

Project: Tekes

**MSFBA: Model Study for Fluidized Bed Agglomeration**

Saarenrinne, P. & Saarenrinne, P.

1/09/15 → 28/02/18

Project: Academy of Finland

**Epilepsiamallinnus: Modulaarinen solukasvatusjärjestelmä epilepsiamallinnukseen**

Kallio, P.

1/09/17 → 31/08/21

Project: Academy of Finland

**MEMO.Sensors: Modulaarinen solukasvatusjärjestelmä epilepsiamallinnukseen**

Lekkala, J.

1/09/17 → 31/08/21

Project: Academy of Finland

**MolecularComm2: MolecularComm2 - Theoretical and Experimental Development of Protocols in Molecular Communication Nanonetworks**

Balasubramaniam, S.

1/09/17 → 31/08/19

Project: Academy of Finland

**MolecularComm: MolecularComm -Theoretical and Experimental Development of Protocols in Molecular Communication Nanonetworks**

Balasubramaniam, S.

1/09/14 → 31/08/17

Project: Academy of Finland

**Molecular: Molecular - Theoretical and Experimental Development of Protocols in Molecular Communication Nanonetworks**

Balasubramaniam, S.

1/09/14 → 31/08/19

Project: Academy of Finland

**FiDiPro Jungwirth: Molekyylin siirto yli solukalvojen ja sen vaikutus biomolekyylin liikennöintiin, lääkeaineiden toimitukseen ja solukuolemaan**

Vattulainen, I.

1/01/13 → 31/12/17

Project: Academy of Finland

**MODEPHA: Moodien sovitin ja vaiheistus epälineaarissa metamateriaaleissa**

Kauranen, M. & Kauranen, M.

1/09/15 → 31/08/19

Project: Academy of Finland

**MUSA: Multi-cloud Secure Applications**

Martinez Lastra, J. & Korhonen, A.

1/01/15 → 31/12/17

Project: EU

**NAKED: NAKED - The Naked User Approach - Nordic perspective to gadgetfree hyperconnected environments**

Mäntysalo, M.

1/03/15 → 30/06/18

Project: Tekes

**nLABS: Nanorakenteiset laajapinta-alaiset antibakteriaaliset pinnat**

Mäkelä, J., Haapanen, J. & Juuti, P.

1/09/14 → 31/08/18

Project: Academy of Finland

**Nanoscale self-assembled epitaxial nucleation controlled by interference lithography**

Levänen, E.

1/10/17 → 30/09/20

Project: EU

**Nano-SHAFT: Nano-SHAFT Miscellaneous photonic assembly for biomedical applications**

Gumenyuk, R. & Gumenyuk, R.

1/09/15 → 2/12/18

Project: Academy of Finland

**N4S: Need for Speed -Digileprojekti**

Mikkonen, T.  
1/01/14 → 31/05/17  
Project: Tekes

**NEM/IHA: NEM/IHA**

Multanen, P., Hietala, J. & Kolu, A.  
1/08/14 → 31/03/18  
Project: Tekes

**NESP: NESP Nanowire Emitters for Silicon Photonics**

Hakkarainen, T.  
1/09/16 → 31/08/19  
Project: Academy of Finland

**Neuromorphic Brain: Neuromorphic Brain**

Linne, M. & Linne, M.  
1/09/16 → 31/08/20  
Project: Academy of Finland

**Hermosolujen rakenteelliset mallit: Neuro-TUTL**

Lekkala, J. & Kallio, P.  
1/01/15 → 30/04/18  
Project: Tekes

**BioBarrier: New bio-based food packaging materials with enhanced barrier properties**

Kuusipalo, J. & Lahti, J.  
1/06/17 → 31/05/21  
Project: EU

**New Competitiveness and Business Impact from Intelligence, Intuition, Integration and Interaction**

Laine, T.  
1/09/18 → 31/08/20  
Project: Tekes

**HYDROBOND: New cost/effective superHYDROphobic coatings with enhanced BOND**

Vuoristo, P. & Koivuluoto, H.  
1/01/13 → 31/12/16  
Project: EU

**NewFP: New Fiber Products**

Kauranen, M., Mäkelä, J., Mäkelä, J. & Harra, J.  
1/01/16 → 30/06/18  
Project: Tekes

**NewGas: NewGas**

Rönkkö, T., Rönkkö, T. & Alanen, J.  
1/07/16 → 31/12/18  
Project: Tekes

**BioMOre: New Mining Concept for Extracting Metals from Deep Ore Deposits using**

Puhakka, J., Lakaniemi, A. & Ahoranta, S.  
1/02/15 → 31/07/18  
Project: EU

**MIRLIGHT: New, programmable light source for mid-infrared wavelength range**

Suomalainen, S. & Suomalainen, S.

1/10/16 → 30/09/18

Project: Academy of Finland

**NOCEVAL: NOCEVAL - network-on-chip -toteutuksen evaluointi**

Salminen, E.

1/09/12 → 22/03/15

Project: Academy of Finland

**NOLIDIS: NOLIDIS - Nonlinearity and Dynamic Stability of Integrated Circuits Subjected to Transient Regimes (NOLIDIS)**

Tchamov, N.

1/09/16 → 31/08/20

Project: Academy of Finland

**NEM - DEE: Nopeutettu elinkaaren määrittäminen**

Frisk, L., Verho, P., Kiilunen, J. & Mostofizadeh, M.

1/08/14 → 31/03/18

Project: Tekes

**NEM/DMS: Nopeutettu elinkaaren määrittäminen**

Miettinen, J.

1/08/14 → 31/03/18

Project: Tekes

**NEM: Nopeutettu elinkaaren määrittäminen**

Saarenrinne, P.

1/08/14 → 31/03/18

Project: Tekes

**Novel Hydrophobic Graphene /Nanocellulose Composites with Multifunctionalities**

Layek, R.

1/09/18 → 31/08/21

Project: Academy of Finland

**Nose: Novel materials and fabrication methods for body-centric passive wireless sensors**

Virkki, J.

1/09/16 → 31/08/21

Project: Academy of Finland

**NoseMuu: Novel materials and fabrication methods for body-centric passive wireless sensors**

Virkki, J. & Virkki, J.

1/09/16 → 31/08/19

Project: Academy of Finland

**OPENS: Novel Predictive Analytics Technologies for Future Maintenance Business**

Huhtala, K. & Krogerus, T.

1/09/16 → 31/08/19

Project: Tekes

**Novel principles of computation and learning in the cerebellum**

Manninen, T.

1/09/18 → 31/08/21

Project: Academy of Finland



**CeraTAIL: Novel synthesis method for advanced porous ceramics from mine tailings**

Levänen, E. & Levänen, E.

1/09/15 → 31/08/19

Project: Academy of Finland

**NSF CVDI 17 - AAA: NSF CVDI 17 - Advanced Analytics and Applications**

Gabbouj, M.

1/08/17 → 31/07/18

Project: Tekes

**Optimal operation of observation systems in autonomous mobile ma: O3-SAM**

Ritala, R.

1/09/13 → 31/08/17

Project: Academy of Finland

**Designer Electrons: Ohjelmoitavat elektronirakenteet**

Räsänen, E.

1/09/13 → 31/08/17

Project: Academy of Finland

**TUTLI O1: Online dissolved analyzer**

Järvinen, S.

1/06/14 → 30/09/15

Project: Tekes

**Open Education Passport**

Pirkkalainen, H.

1/11/17 → 31/01/20

Project: EU

**OpenKin - Sensor fusion for kinesiology research: OpenKin**

Piche, R. & Piche, R.

1/09/15 → 31/08/19

Project: Academy of Finland

**OSMAG: Open-Source Modeling Environment and Benchmark for Magneto-Mechanical Problems**

Rasilo, P. & Rasilo, P.

1/10/16 → 30/09/18

Project: Academy of Finland

**OPTIBIO: OPTIBIO - OPTically- and BIO-active glass fibers to track and support tissue healing**

Massera, J.

1/09/14 → 31/08/19

Project: Academy of Finland

**OPTIBIOpro 2: OPTIBIOpro 2**

Massera, J.

1/09/17 → 31/08/19

Project: Academy of Finland

**OPTIBIOpro: OPTIBIOpro - OPTically- and BIO-active glass fibers to track and support tissue healing**

Massera, J.

1/09/14 → 31/08/17

Project: Academy of Finland

**Optically driven, smart material based soft microrobotics**

Zeng, H.

1/09/18 → 31/08/21

Project: Academy of Finland

**Optical Sensing of Relative Humidity Using**

Priimägi, A.

1/09/18 → 28/02/20

Project: EU

**RenewFIN: Optimal transformation pathway towards the 2050 low-carbon target**

Saari, A.

1/09/17 → 31/08/21

Project: Academy of Finland

**GloFuMe: Optimizing Global Software Projects with Fuzzy Meta-Heuristics**

Sievi-Korte, O.

1/09/14 → 15/09/18

Project: Academy of Finland

**Optimizing microbial electrosynthesis: from microbial communities to reactor design**

Kokko, M.

1/09/18 → 31/08/21

Project: Academy of Finland

**Optimizing microbial electrosynthesis: from microbial communities to reactor design**

Kokko, M.

1/09/18 → 31/08/23

Project: Academy of Finland

**ORCA - Real-Time Digital Self-Interference Canceller for In-band Full-Duplex Enabling up to 100 dB of Total Isolation**

Anttila, L.

1/02/18 → 31/12/18

Project: EU

**PATI: Palvelu korvaa tilan**

Helander, N., Vuolle, M., Helander, N. & Vuolle, M.

1/01/15 → 31/12/17

Project: Tekes

**ParallaX3: ParallaX3**

Takala, J. & Takala, J.

1/08/15 → 30/09/16

Project: Tekes

**Particles-containing silicate and phosphate glasses**

Petit, L.

1/01/18 → 31/12/19

Project: Academy of Finland

**caLIBRAte: Performance testing, calibration and implementation of a next generation system-of-systems Risk Governance Framework for nanomaterials & caLIBRAte**

Dal Maso, M., Dal Maso, M., Arffman, A. & Poikkimäki, M.

1/05/16 → 31/10/19

Project: EU

**PerforMant: PerforMant Enhancing performance of artificial photosynthesis by engineered nanomaterials and photon management**

Niemi, T. & Salminen, T.

1/03/15 → 28/02/18

Project: Academy of Finland

**Personalized health coaching: Personalized health coaching - FIDiPro exchange for Holly Jimison and Misha Pavel**

Korhonen, I. & Helander, E.

10/08/12 → 31/08/17

Project: Tekes

**RATIO: Peruskouluikäisten oppilaiden rationaalilukukäsitysten tukeminen ja mallintaminen pelien avulla**

Kiili, K. & Kiili, K.

1/09/15 → 31/08/20

Project: Academy of Finland

**PhotoLase: PhotoLase Photodynamic Therapy and Selective Photothermolysis Based on Novel Semiconductor Lasers**

Guina, M. & Leinonen, T.

1/01/15 → 30/06/18

Project: Tekes

**NanoWelho: Pienhiukkasten mittausmarkkinat ilmansuodatuksessa**

Keskinen, J., Saari, S., Saari, S. & Heinonen, J.

1/01/16 → 31/05/18

Project: Tekes

**Piezoelectric MEMS Resonators for Optogenetic**

Lupo, D.

1/06/18 → 31/12/19

Project: Academy of Finland

**FuSSCo: Pintojen funktionalisointi ylikriittisen hiilidioksidin avulla**

Levänen, E. & Levänen, E.

1/10/16 → 30/09/18

Project: Academy of Finland

**PLAD: PLAD - Characterizing the Performance Limits of Network-Assisted Device-to-Device Communications**

Andreev, S.

1/09/14 → 31/08/17

Project: Academy of Finland

**Plastic deformation mechanisms in ceramic materials**

Levänen, E.

1/09/18 → 31/08/22

Project: Academy of Finland

**GRIDABLE: Plastic nanocomposite insulation material enabling reliable integration of renewables and DC storage technologies in the AC energy grid**

Lahti, K. & Lahti, K.

1/01/17 → 31/12/20

Project: EU

**POP UP: POP UP - Tietotyön tuottavuus**

Vuolle, M., Helander, N., Salenius, H. & Helander, N.

1/01/15 → 30/04/17

Project: Tekes

**POP UP (ARK): POP UP - Tietotyön tuottavuus (ARK)**

Poutanen, J.  
1/01/15 → 30/04/17  
Project: Tekes

**POP UP / TIE: Pop up - Tietotyön tuottavuus, TIE:n osuus**

Väänänen, K.  
1/01/15 → 30/04/17  
Project: Tekes

**310017: Post-Doc Autio**

Autio, R.  
1/01/10 → 31/10/14  
Project: Academy of Finland

**Postdoc Granberg: Postdoc Granberg**

Granberg, K.  
1/09/12 → 31/08/15  
Project: Academy of Finland

**Powerloss: Power Loss Models for Magnetic Components in Power Electronic Systems**

Rasilo, P. & Rasilo, P.  
1/09/17 → 31/08/22  
Project: Academy of Finland

**Powerloss-2: Power Loss Models for Magnetic Components in Power Electronic Systems - 2**

Rasilo, P.  
1/09/17 → 31/08/20  
Project: Academy of Finland

**PRISMA (EL): Positioning-aided Reliably-connected Industrial Systems with Mobile mmWave Access**

Lohan, E.  
1/01/18 → 31/12/19  
Project: Academy of Finland

**PRISMA (SA): Positioning-aided Reliably-connected Industrial Systems with Mobile mmWave Access**

Andreev, S.  
1/01/18 → 31/12/19  
Project: Academy of Finland

**Promotion of Capacity and Energy Education Development: Proceed**

Majanne, Y.  
1/10/13 → 31/03/17  
Project: EU

**ProCem/ASE - Social Energy - Prosumer Centric Energy Ecosystem: ProCem/ASE**

Vilkkö, M. & Vilkkö, M.  
1/08/16 → 30/09/18  
Project: Tekes

**ProCem - TTA: ProCem - TTA**

Mäkinen, S., Aarikka-Stenroos, L. & Kotilainen, K.  
1/08/16 → 30/09/18  
Project: Tekes

**PROLIGHT-IAPP: PROLIGHT-IAPP**

Gotchev, A.  
1/01/13 → 31/12/16  
Project: EU

**Prominent: Prominent - Processes for MEMs by inkjet enhanced technologies**

Mäntysalo, M.  
1/03/13 → 30/06/16  
Project: Tekes

**320109: Proteiineja lääkekantajina**

Laaksonen, T. & Laaksonen, T.  
1/01/16 → 27/07/18  
Project: Academy of Finland

**PUHDASTA: Puhdasta energiaa ympäristöstä**

Ruuskanen, P. & Ruuskanen, P.  
1/06/16 → 31/12/16  
Project: Tekes

**EEE-Puhdasta: Puhdasta energiaa ympäristöstä**

Rasilo, P.  
1/01/17 → 31/12/18  
Project: Tekes

**Puhelinopetus: Puhelinopetus**

Virtanen, T. & Virtanen, T.  
1/01/16 → 31/12/18  
Project: Academy of Finland

**Akatemia Paunonen: Puoliryhmien stabilisuus ja ääretönulotteisten järjestelmien robusti säätö**

Paunonen, L. & Paunonen, L.  
1/09/16 → 31/08/19  
Project: Academy of Finland

**Quantum Semiconductor Artificial Laser Crystal**

Kahle, H.  
1/09/18 → 31/08/21  
Project: Academy of Finland

**QUBIT: QUBIT Intense Light Sources for Quantum Systems Manipulation**

Suomalainen, S., Leinonen, T. & Leinonen, T.  
1/09/14 → 31/08/18  
Project: Academy of Finland

**QuenchCirCol: Quench protection design of superconducting magnets for future circular colliders**

Salmi, T.  
1/09/16 → 31/08/19  
Project: Academy of Finland

**RAID: Radical and Incremental Innovation in Industrial Renewal**

Seppänen, M.  
1/01/15 → 31/03/17  
Project: Tekes

**RISEN\_RAK: Rail Infrastructure Systems Engineering Network RISEN**

Salmenperä, P. & Salmenperä, P.

1/04/16 → 31/03/20

Project: EU

**Värinä: Rakennetun ympäristön vaikutus terveellisiin ruokavalintoihin**

Hynynen, A.

1/06/15 → 31/07/17

Project: Tekes

**RAKSA: Rakennustekniikan erilliskoulutus**

Tolonen, T.

1/04/13 → 31/08/15

Project: Other domestic

**Ramping up silicon photonics business in Finland - RAPSI**

Guina, M.

1/05/18 → 30/04/20

Project: Tekes

**Randfields: Randfields - Random fibre lasers for telecommunications and distributed sensing**

Okhotnikov, O.

1/04/11 → 30/03/15

Project: EU

**ReCaM: Rapid Reconfiguration of Flexible Production Systems through Capability-based Adaptation, Auto-configuration and Integrated tools for Production Planning**

Lanz, M., Järvenpää, E. & Siltala, N.

1/11/15 → 31/10/18

Project: EU

**Rapid U-value measurement**

Vinha, J.

1/05/18 → 30/04/20

Project: Tekes

**RemoteFeel**

Gotchev, A.

1/02/18 → 14/02/20

Project: Tekes

**ReRe: Renaissance of the Regions**

Tuokko, R. & Majuri, M.

1/01/15 → 31/05/17

Project: Tekes

**ReWaGons: Renewing Water Services Management and Governance in the Built Environment**

Katko, T. S.

1/09/15 → 31/08/18

Project: Academy of Finland

**ReCoRatio: Research Cost Ratio**

Kiili, K. & Kiili, K.

1/09/15 → 31/08/20

Project: Academy of Finland

**ROaMING: Reshoring of manufacturing**

Martinsuo, M., Heikkilä, J., Heikkilä, J., Chaoji, P. & Nenonen, S.

1/01/15 → 30/09/17

Project: Tekes

**RESPONSE: RESPONSE - kysynnänjoustoa tukevan kuormitusmallinnuksen kehittäminen**

Järventausta, P. & Mutanen, A.

1/01/15 → 31/12/18

Project: Academy of Finland

**RFIIFR: RFIIFR - Joint Analysis and DSP-Based Mitigation of Multiple RF Impairments in Future Radio Devices**

Zou, Y.

1/01/11 → 31/10/14

Project: Academy of Finland

**Robusti audio 2: Robusti audio 2**

Virtanen, T.

1/09/15 → 31/08/17

Project: Academy of Finland

**ROLLIPS: Roll-to-roll fabrication of advanced slippery liquid-infused porous surfaces for anti-icing applications**

Kuusipalo, J., Koivuluoto, H., Teisala, H. & Vuoristo, P.

1/01/15 → 30/04/17

Project: Tekes

**ROLLIPS: Roll-to-roll fabrication of advanced slippery liquid-infused porous surfaces for anti-icing applications**

Mäkelä, J., Harra, J. & Juuti, P.

1/01/15 → 30/04/17

Project: Tekes

**3DNeuroN: S 3DNeuroN - Biomimicking the brain - towards 3D neuronal network dynamics**

Hyttinen, J. & Tanskanen, J.

1/07/12 → 30/06/15

Project: EU

**Smart Grids and Energy Markets 3FP/ASE: S 3FP-SGEM/ASE**

Koivisto, H., Salmenperä, M., Seppälä, J. & Eerola, R. I.

1/03/12 → 28/02/15

Project: Tekes

**Ellis\_MEI: S4Fleet/ELLIS**

Koskinen, K. & Aaltonen, J.

1/01/15 → 31/12/17

Project: Tekes

**S4FLEET:ELLIS-TTA: S4FLEET:ELLIS-TTA**

Martinsuo, M., Martinsuo, M., Momeni, K., Vaittinen, E. & Vuorinen, L.

1/01/15 → 31/12/17

Project: Tekes

**S4FLEET:PROS: S4FLEET:PROS**

Suomala, P., Laine, T., Korhonen, T., Lindholm, A. & Stormi, K.

1/01/15 → 31/12/17

Project: Tekes

**AcaProRes2: S Academy Professor Research costs 2**

Gabbouj, M.

1/01/14 → 31/12/15

Project: Academy of Finland

**ACP: S Advanced Connectivity Platform for Vertical Sectors**

Harju, J. & Silverajan, B.

1/01/16 → 31/12/16

Project: EU

**ACP\_EB: S Advanced Connectivity Platform for Vertical Sectors (Early Bird)**

Harju, J. & Silverajan, B.

1/09/15 → 31/12/15

Project: EU

**ITEA2 ATAC: S Advanced Test Automation for Complex Software-Intensive Systems**

Järvinen, H., Jääskeläinen, A., Virtanen, H. & Vuori, M.

1/01/12 → 31/12/14

Project: Tekes

**SAFEHEAT 2.0**

Vinha, J.

1/09/18 → 29/02/20

Project: Tekes

**SAFEHEAT 2.0 TTJ**

Vinha, J.

1/09/18 → 29/02/20

Project: Tekes

**AkaPro: S Akatemiaprofessori Moncef Gabbouj**

Gabbouj, M.

1/01/11 → 31/12/15

Project: Academy of Finland

**VRsmart: S Älykäs osallistuva suunnittelu kestävässä rakennetun ympäristön kehityksessä**

Kähkönen, K. & Rannisto, J.

1/01/13 → 30/04/15

Project: Tekes

**420073: S APACOS**

Guina, M.

1/08/12 → 31/07/14

Project: EU

**AT-INSULATE: S AT-INSULATE**

Levänen, E., Silvonen, J. & Laakso, J.

1/11/12 → 31/10/14

Project: EU

**310083: S Atomaaristen biofysikaalisten simulaatioiden ja laskennallisen systeemibiologian yhdistäminen ykköstyypin diabeteksen tutkimiseksi**

Vattulainen, I.

1/09/12 → 31/12/16

Project: Academy of Finland



**SA-tutkija Okko Räsänen**

Räsänen, O.

1/09/18 → 31/08/23

Project: Academy of Finland

**330008: SA tutkija Tohka Jussi**

Tohka, J.

1/01/10 → 30/11/14

Project: Academy of Finland

**SA-tutkija Tuomas Virtanen: SA-tutkija Tuomas Virtanen**

Virtanen, T.

1/09/12 → 31/08/17

Project: Academy of Finland

**AvanTo ELT: S AvanTomography ELT**

Palovuori, K.

1/08/13 → 31/12/14

Project: Tekes

**BEST TUT KEB: S BEST Sustainable bioenergy solutions for tomorrow**

Rintala, J., Kinnunen, V. & Särkilähti, M.

1/01/13 → 31/12/16

Project: Tekes

**Buonabart-E: S Better Upscaling and Optimization of Nanoparticle and Nanostructure Production by Means of Electrical Discharges**

Keskinen, J., Mäkelä, J., Yli-Ojanperä, J. & Arffman, A.

1/02/12 → 29/02/16

Project: EU

**BioEMIS: S BioEMIS - Studies in Bioengineering and Medical Informatics**

Viik, J.

1/05/13 → 14/04/16

Project: EU

**BIOFUNC: S BIOFUNC Teräspintojen biofunktionalisointi sähkösumutusavusteisella ylääänimolekyylisuihkumenetelmällä**

Valden, M., Ali-Löytty, H., Hannula, M., Lahtonen, K. & Vuori, L.

1/09/11 → 31/08/15

Project: Academy of Finland

**ECoBi: S Biomimeettiset elastomeerikomposiitit**

Vuorinen, J., Sarlin, E., Hoikkanen, M. E. & Poikelispää, M.

1/01/13 → 31/03/16

Project: Tekes

**BioPreCarb: S Bio-pohjaiset räätälöidyt hiilen prekursorit vaativiin hiilisovelluksiin - TTY**

Vuorinen, J., Sarlin, E., Vehviläinen, M. & Vippola, M.

1/07/13 → 30/09/15

Project: Tekes

**Bio-PolyTech WP8 Other: S Bio-PolyTech Other - Enhanced Process Monitoring and Control Technology to Accelerate Development of Bioresorbable Polymeric Medical Devices**

Kellomäki, M. & Eillä, V. T.

1/12/13 → 30/11/15

Project: EU

**BrainCare: S BrainCare - Epilepsiahoidon mullistaminen**

Sydänheimo, L.

1/01/13 → 31/03/15

Project: Tekes

**BrightSky: S BrightSky**

Aho, A., Aho, A., Polojärvi, V., Reuna, J. V. T. & Tukiainen, A.

1/06/16 → 14/11/16

Project: Tekes

**BEEP-RAK: S BUILD UP Skills BEEP - RAK, Energiätehokkaan rakentamisen parhaat käytännöt**

Teriö, O., Heljo, J., Honkanen, J. A., Lahdensivu, J. & Sorri, J.

1/10/13 → 31/03/16

Project: EU

**BHJ solar cells: S Bulk hetero junction (BHJ) solar cells based on thienylvinylene oligomers**

Efimov, A. & Ahmed, Z.

1/01/13 → 31/12/15

Project: Academy of Finland

**CALM: S CALM - Cognitive Approaches for Location in Mobile environments**

Lohan, E.

1/09/11 → 31/08/16

Project: Academy of Finland

**CALM-rest: S CALM-rest - Cognitive Approaches for Location in Mobile env**

Lohan, E., Laitinen, E. & Shrestha, S.

1/09/11 → 31/08/14

Project: Academy of Finland

**CALM-rest II: S CALM-rest II - Cognitive approaches for Location in Mobile environments**

Lohan, E.

1/09/14 → 31/08/16

Project: Academy of Finland

**230150: S Carbon Capture and Storage Programme**

Raiko, R., Hämäläinen, K. A. O., Keipi, T., Raiko, M., Rajamäki, J. & Tolvanen, H.

1/01/11 → 31/10/16

Project: Tekes

**Cnano actuator: S Carbon nanotube based programmable bioactuator**

Vattulainen, I.

1/09/12 → 31/08/16

Project: Academy of Finland

**CIVIT: S CIVIT**

Gotchev, A., Bregovic, R. & Suominen, O.

1/01/14 → 31/12/16

Project: Academy of Finland

**CLEEN 4: S Cleen 4 Measurement, Monitoring and Environmental Assessment**

Guina, M.

1/05/13 → 31/07/14

Project: Tekes

**CLEEN 5: S CLEEN 5**

Guina, M., Tavast, M. & Viheriälä, J.  
1/05/14 → 30/09/15  
Project: Tekes

**COLA: S Coaxially Laser Assisted cold spray**

Vuoristo, P. & Koivuluoto, H.  
1/12/12 → 30/11/14  
Project: EU

**COLA EU: S COLA EU**

Tuokko, R., Vihinen, J., Hautala, V. I., Kumpulainen, T. & Latokartano, J.  
1/12/12 → 30/11/14  
Project: EU

**Kolloidisen suspension analyyttori: S Collo/ASE**

Vilko, M. & Yli-Hallila, T.  
1/01/15 → 31/12/16  
Project: Tekes

**CoSMo: S Co-Located User Interaction through Social Mobile Devices**

Väänänen, K., Olsson, T. & Mäkitalo, N.  
1/01/13 → 31/12/15  
Project: Academy of Finland

**fromROLLtoBAG: S Consumer Driven Local Production with the Help of Virtual Design and Digital Manufacturing**

Mattila, H. & Honkala, M.  
1/01/15 → 31/07/16  
Project: EU

**CENGE: S Controlling Emissions of Natural Gas Engines**

Keskinen, J., Rönkkö, T., Alanen, J., Isotalo, M., Järvinen, A., Karjalainen, P., Kuittinen, N. & Mylläri, F.  
1/07/13 → 31/12/16  
Project: Tekes

**COPLA2: S COPLA2 - The COPLA scaffold - a new solution for cartilage repair**

Kellomäki, M. & Haaparanta, A.  
1/01/15 → 31/12/16  
Project: Tekes

**COST TU1002: S COST TU1002**

Joutsiniemi, A. & Iltanen, S.  
1/01/11 → 31/10/14  
Project: EU

**CREAM: S CREAM - Energiatietoisten kognitiiviradioverkkojen kerrostenvälinen mallinnus ja suunnittelu**

Valkama, M.  
1/01/13 → 30/04/15  
Project: Tekes

**CYCLONI: S Cylindrical vectorial beam control for nanophotonics imaging (CYCLONI)**

Bautista, G.  
1/01/14 → 31/12/16  
Project: Academy of Finland

**D21: S D21 - Data to Intelligence**

Jaakkola, H., Soini, J., Rantanen, P. & Sillberg, P.  
1/02/12 → 31/03/16  
Project: Tekes

**D2I: S D2I**

Kettunen, L. & Söderlund, L.  
1/01/14 → 31/03/16  
Project: Tekes

**D2I - Data to Intelligence: S D2I / ASE**

Hytti, H., Hästbacka, D., Kuikka, S., Laurikkala, M., Vilkkö, M. & Kannisto, P.  
1/02/12 → 31/03/16  
Project: Tekes

**D2I: S D2I - Data to Intelligence**

Gabbouj, M.  
1/02/12 → 30/06/16  
Project: Tekes

**D2I: Kiranyaz: S D2I - Data to Intelligence: Kiranyaz**

Kiranyaz, S.  
1/01/14 → 30/06/16  
Project: Tekes

**D2I: Kämäräinen: S D2I: Kämäräinen**

Kämäräinen, J.  
1/01/15 → 31/03/16  
Project: Tekes

**D2I: Tabus: S D2I: Tabus**

Tabus, I.  
1/01/15 → 31/03/16  
Project: Tekes

**DORADO: S Dataflow oriented Automated Design Toolchain**

Takala, J., Esko, O. O., Jääskeläinen, P., Pitkänen, T. O. & Sanchez de La Lama, C.  
1/09/11 → 31/08/15  
Project: Academy of Finland

**D2I/OHJ: S Data to Intelligence / OHJ**

Mikkonen, T. & Salo, J.  
1/02/12 → 31/03/16  
Project: Tekes

**DECORA: S DECORA - Digitally-Enhanced RF for Cognitive Radio Devices**

Valkama, M., Isotalo, T., Kiayani, A. & Marttila, J.  
1/09/11 → 31/08/15  
Project: Academy of Finland

**DEFRES: S DEFRES - Design Methodologies for High-Performance Frequency Synthesizers in Nano-CMOS Technologies**

Tchamov, N.  
1/09/13 → 31/12/15  
Project: Academy of Finland

**DEFT: S DEFT - Design of Highly-parallel Heterogeneous MP-SoC Architecture for Future Wireless Technologies**

Nurmi, J., Airoidi, R. & Hussain, W.

1/09/12 → 31/08/16

Project: Academy of Finland

**DEMAPP 2 - WSP3-2010: S Demanding Applications**

Kuukkala, V., Apostol, M., Karhula, T., Lindroos, M., Ojala, N., Ratia, V., Ritola, M., Rämö, J. & Terva, J.

1/06/10 → 30/09/14

Project: Tekes

**230079: S DEMAPP 2/DMS/PV**

Vuoristo, P. & Laurila, J.

1/06/10 → 30/09/14

Project: Tekes

**FSP4 - 2010: S DEMAPP 2 - FSP4 - 2010**

Kuukkala, V. & Oksanen, V.

1/06/10 → 30/09/14

Project: Tekes

**WSP4 - 2010: S DEMAPP 2 - WSP4 - 2010**

Kuukkala, V. & Apostol, M.

1/06/10 → 30/09/14

Project: Tekes

**CSP2 - 2010: S DEMAPP - CSP2 - 2010**

Kuukkala, V., Huttunen-Saarivirta, M. E., Isakov, M., Järvinen, H., Kokkonen, J., Rämö, J. & Östman, K.

1/06/10 → 30/09/14

Project: Tekes

**MELT: S Demapp MELT**

Levänen, E., Huttunen-Saarivirta, M. E. & Viherkoski, M. M.

1/06/12 → 30/09/14

Project: Tekes

**SLED: S Depth-corrected transparent displays for augmented reality on large scale glass surfaces**

Gotchev, A. & Suominen, O.

1/06/16 → 14/11/16

Project: Tekes

**CUSTOR: S Determinants of value and vulnerability in customer-oriented service network**

Pekkola, S., Rantala, J. & Kallionpää, E.

1/01/14 → 30/06/16

Project: Tekes

**DiagNOSE - from extrasensory olfactory cues to status of wellbei: S DiagNOSE**

Lekkala, J., Karjalainen, M., Kumpulainen, P. & Väliaho, J.

1/09/13 → 28/02/15

Project: Tekes

**Dinno: S Dialoginen johtaminen innovatiivisuuden tekijänä**

Saarela, K., Palukka, P. U. & Tappura, S.

1/01/12 → 31/12/14

Project: Tekes

**DHR: S Digital Health Revolution (DHR)**

Korhonen, I., Honko, H. & Helander, E.

1/08/14 → 31/01/16

Project: Tekes

**DIMI 2: S Digital Microhydraulic 2**

Huhtala, K., Linjama, M., Heikkilä, M., Huova, M. & Karvonen, M.

1/04/10 → 30/09/14

Project: Tekes

**Digital Services: S Digital Services**

Korhonen, I.

1/01/13 → 31/12/15

Project: Tekes

**DiLASANNI: S DiLASANNI - Disk lasers based on novel antimonide and dilute nitride semiconductor technologies**

Härkönen, A.

1/09/11 → 31/08/14

Project: Academy of Finland

**Analysis system for drug permeability: S DrugPermeA**

Kallio, P., Hemmilä, S., Ryyänen, T., Verho, J. & von Essen, M.

1/01/14 → 30/06/16

Project: Tekes

**EASI-CLOUDS: S EI3674 ITEA2 EASI-CLOUDS-TUT**

Systä, K., Hylli, O., Lahtinen, S., Lautamäki, J. T. & Ruokonen, A.

1/01/13 → 30/11/14

Project: Tekes

**Seaspider: Seaspider**

Mattila, J. & Koivumäki, J.

1/01/15 → 31/12/18

Project: Academy of Finland