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Research output: Professional › Conference contribution

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Research output: Scientific › Conference contribution

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Research output: Scientific › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Sorsa, Aki; Leiviskä, Kauko; Santa-aho, Suvi; Vippola, Minnamari; Lepistö, Toivo / Barkhausen kohina -mittauksen hyödyntäminen materiaalienmateriaalisuksien ennustamisessa.
Research output: Scientific - peer-review › Conference contribution

Vepsäläinen, Timo; Kuikka, Seppo / Benefit from Simulating Early in MDE of Industrial Control.
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Oftadeh, Reza; Aref, Mohammad M.; Ghabcheloo, Reza; Mattila, Jouni / Bounded-Velocity Motion Control of Four Wheel Steered Mobile Robots.
Alho, Pekka; Mattila, Jouni / Breaking down the requirements: Reliability in remote handling software.
Research output: Scientific - peer-review › Article

Roinila, Tomi; Vilkko, Matti; Sun, Jian / Broadband Methods for Online Grid Impedance Measurement.
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Research output: Scientific - peer-review › Conference contribution

Vehkaoja, Antti; Peltokangas, Mikko; Verho, Jarmo; Lekkala, Jukka / Combining the Information of Unconstrained Electrocardiography and Ballistography in the Detection of Night-Time Heart Rate and Respiration Rate.
Research output: Scientific - peer-review › Article

Vihikainen, Mikko; Mattila, Jouni; Tuominen, Janne / Computer-Assisted Bilateral Teleoperation System for Water Hydraulic Manipulator.
Research output: Scientific - peer-review › Conference contribution

Herranen, Mika (Inventor); Huhtala, Kalevi (Inventor); Virvalo, Tapio (Inventor) / Control arrangement of an electro-hydraulic gas exchange valve actuation system.
Research output: Scientific › Patent

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Salmenperä, Mikko; Eerola, Risto; Seppälä, Jari; Koivisto, Hannu / Design and analysis of secure integration solution for Smart grids.
Research output: Scientific - peer-review › Conference contribution

Nurmi, Jarmo; Mattila, Jouni / Detection and isolation of faults in mobile hydraulic valves based on a reduced-order model and adaptive thresholds.
Research output: Scientific - peer-review › Conference contribution

Linjama, Matti / Digitaalihydrauliikan seminaarin satoa Tampereella.
Research output: Professional › Article

Heikkilä, Mikko; Linjama, Matti / Displacement control of a mobile crane using a digital hydraulic power management system.
Research output: Scientific - peer-review › Article

Lyytikäinen, Ville; Kinnunen, Pasi; Koivumäki, Janne; Mattila, Jouni; Siuko, Mikko; Esque, Salvador; Palmer, Jim / Divertor cassette locking system remote handling trials with WHMAN at DTP2.
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Yli-Fossi, Timo / Dynaamisten voimalaitosmallien parametrien määrittäminen ja virittäminen.
Research output: Scientific - peer-review › Conference contribution

Itävuo, Pekka; Vilkk, Matti; Jaatinen, Antti; Villo, Keijo / Dynamic modeling and simulation of cone crushing circuits.
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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Vehkaoja, A.; Peltokangas, M.; Lekkala, J. / Extracting the respiration cycle lengths from ECG signal recorded with bed sheet electrodes.
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Research output: Scientific - peer-review › Conference contribution

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Karhu, Otso; Huhtala, Kalevi / **Generic Microcontroller Board for Automated Heavy Machinery with Modular Control System.**
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Vihonen, Juho; Honkakorpi, Janne; Mattila, Jouni; Visa, Ari / **Geometry-Aided MEMS Motion State Estimation for Multi-Body Manipulators.**
Research output: Scientific - peer-review › Conference contribution

Järveläinen, Matti; Salpavaara, Timo; Seppälä, Sari; Roinila, Tomi; Vilkkko, Matti; Levänäen, Erkki / **Huokoisen keraamin karakterisointi sähköisellä herätteellä.**
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Ahopelto, Miika; Backas, Joni; Ghabcheloo, Reza; Huhtala, Kalevi / **Improved energy efficiency and controllability of mobile work machines by reduced engine rotational speed.**
Research output: Scientific - peer-review › Conference contribution

Kannisto, Petri; Hästbacka, David; Kuikka, Seppo / **Improving Asset Management: Plant Models Supported by Composite Services.**
Research output: Scientific - peer-review › Conference contribution

Itävuo, Pekka; Vilkkko, Matti; Jaatinen, Antti / **Indirect Particle Size Distribution Control in Cone Crushers.**
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Research output: Scientific - peer-review › Conference contribution
Kivelä, Tuomo; Mattila, Jouni / Internal leakage fault detection for variable displacement axial piston pump. 
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Research output: Scientific › peer-review › Article

Research output: Scientific › peer-review › Article

Hirvonen, Juha; Kallio, Pasi / Kohti automaattista yksittäisten paperikuitujen manipulointia. 
Research output: Scientific › peer-review › Conference contribution

Hietanen, Tero; Rask, Outi; Zenger, Kai; Strömman, Mika / Koulutuksen ytimessä. 
Research output: Professional › Article

Seppälä, Jari; Salmenperä, Mikko; Koivist, Hannu / Making sense of information security in real time automation - information flow approach. 
Research output: Scientific › peer-review › Conference contribution

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Research output: Scientific › peer-review › Conference contribution

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Research output: Scientific › peer-review › Conference contribution
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Research output: Scientific - peer-review › Conference contribution

Nurmi, Jarmo; Honkakorpi, Janne; Vihonen, Juho; Mattila, Jouni / Micro-electromechanical System Sensors in Unscented Kalman Filter-based Condition Monitoring of Hydraulic Systems.
Research output: Scientific - peer-review › Conference contribution

Uotila, Turkka; Korpiela, Timo; Majanne, Yrjö / Monitoring of CO2 emissions in coal fired power plants.
Research output: Scientific - peer-review › Conference contribution

Huhtala, Kalevi; Ahopetko, Miika; Heikkilä, Mikko; Backas, Joni; Tammisto, Jyrki; Huova, Mikko; Linjama, Matti / New energy efficient solutions to mobile machines.
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Research output: Scientific - peer-review › Conference contribution

Kattiparambil Rajan, Dhanesh; Raunio, Jukka-Pekka; Karjalainen, Markus Tapani; Ryynänen, Tomi; Lekkala, Jukka / Novel method for intensity correction using a simple maskless lithography device.
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Research output: Scientific - peer-review › Conference contribution
Research output: Scientific - peer-review › Conference contribution

Research output: Professional › Article

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