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Hackenberg, Jan; Spiecker, Heinrich; Calders, Kim; Disney, Mathias; Raumonen, Pasi / SimpleTree : An Efficient Open Source Tool to Build Tree Models from TLS Clouds. In: Forests: Open Access Journal, Vol. 6, No. 11, 23.11.2015, p. 4245-4294.
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Research output: Scientific - peer-review › Conference contribution

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Lau Sarmiento, Alvaro; Bartholomeus, Harm; Herold, Martin; Martius, Christopher; Malhi, Yadavinder; Patrick Bentley, Lisa; Shenkin, Alexander; Raumonen, Pasi / Application of terrestrial LiDAR and modelling of tree branching structure for plant-scaling models in tropical forest trees.
Research output: Professional › Conference contribution

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Lyly, Mika; Lahtinen, Valtteri; Stenvall, Antti; Rostila, Lauri; Mikkonen, Risto / A Time-Harmonic Approach to Numerically Model Losses in the Metal Matrix in Twisted Superconductors in External Magnetic Field.
Research output: Scientific - peer-review › Article

Nurminen, Henri / Bayesian Methods for Hybrid Indoor Positioning.
Research output: Scientific - peer-review › Conference contribution

Kaasalainen, Sanna; Krooks, Anssi; Liski, Jari; Raumonen, Pasi; Kaartinen, Harri; Kaasalainen, Mikko; Puttonen, Eetu; Anttila, Kati; Mäkipää, Raisa / Change Detection of Tree Biomass with Terrestrial Laser Scanning and Quantitative Structure Modelling.
Research output: Scientific - peer-review › Article

Ivanov, Pavel; Ali-Löytty, Simo; Piche, Robert / Evaluating the Consistency of Estimation.
Research output: Scientific - peer-review › Conference contribution

Ala-Luhtala, Juha; Piche, Robert / Gaussian Scale Mixture Models For Robust Linear Multivariate Regression With Missing Data.
Research output: Scientific - peer-review › Article

Liski, Jari; Kaasalainen, Sanna; Raumonen, Pasi; Akujärvi, Anu; Krooks, Anssi; Repo, Anna; Kaasalainen, Mikko / Indirect Emissions of Forest Bioenergy: Detailed Modelling of Stump-Root Systems.
Research output: Scientific - peer-review › Article

Medina, Jesus; Turunen, Esko; Bartl, Eduard; Diaz-Moreno, Juan Carlos / Minimal Solutions of Fuzzy Relation Equations with General Operators on the Unit Interval.
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Särkkä, Simo; Piche, Robert / On Convergence and Accuracy of State-Space Approximations of Squared Exponential Covariance Functions.
Research output: Scientific - peer-review › Conference contribution

Paunonen, Lassi; Laakkonen, Petteri / On polynomial stability of linear systems.
Research output: Scientific - peer-review › Conference contribution
Wirola, Lauri (Inventor); Laine, Tommi (Inventor); Raitoharju, Matti (Inventor); Sirola, Niilo (Inventor) / Optimal storage scheme for access point coverage data.
Research output: Scientific › Patent

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Krooks, Anssi; Kaasalainen, Sanna; Kankare, Ville; Joensuu, Marianna; Raumonen, Pasi; Kaasalainen, Mikko / Predicting tree structure from tree height using terrestrial laser scanning and quantitative structure models.
Research output: Scientific - peer-review › Article

Manfreda, Giulio; Ambrosio, Giorgio; Marinozzi, Vittorio; Salmi, Tiina; Sorbi, Massimo; Volpini, Giovanni / Quench Protection Study of the Nb3Sn Low-beta Quadrupole for the LHC Luminosity Upgrade.
Research output: Scientific - peer-review › Article

Laakkonen, Petteri; Pohjolainen, Seppo / Robustness of Controllers for SISO-Plants and Signals Generated by an Infinite-Dimensional Exosystem.
Research output: Scientific - peer-review › Conference contribution

Paunonen, Lassi; Pohjolainen, Seppo / The Internal Model Principle for Systems with Unbounded Control and Observation.
Research output: Scientific - peer-review › Article

Paunonen, Lassi / The Role of Exosystems in Output Regulation.
Research output: Scientific - peer-review › Article

Smith, Aaron; Astrup, Rasmus; Raumonen, Pasi; Liski, Jari; Krooks, Anssi; Kaasalainen, Sanna; Åkerblom, Markku; Kaasalainen, Mikko / Tree Root System Characterization and Volume Estimation by Terrestrial Laser Scanning and Quantitative Structure Modeling.
Research output: Scientific - peer-review › Article

Davidson, Pavel; Takala, Jarmo / Algorithm for Pedestrian Navigation Combining IMU Measurements and Gait Models.
Research output: Scientific - peer-review › Article

Raitoharju, Matti; Nurminen, Henri; Piche, Robert / A linear state model for PDR+WLAN positioning.
Research output: Scientific - peer-review › Conference contribution

Wirola, Laura; Wirola, Lauri; Piche, Robert / Bandwidth and Storage Reduction of Radio Maps for Offline WLAN Positioning.
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Laakso, T.; Kaasalainen, M. / *Canonical methods of constructing invariant tori by phase-space sampling.*

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Ala-Luhtala, Juha; Seppänen, Mari; Ali-Löytty, Simo; Piche, Robert; Nuurminen, Henri / *Estimation of initial state and model parameters for autonomous GNSS orbit prediction.*

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Raumonen, Pasi; Casella, Eric; Disney, Mathias; Åkerblom, Markku; Kaasalainen, Mikko / *Fast Automatic Method for Constructing Topologically and Geometrically Precise Tree Models from TLS Data.*
Åkerblom, Markku; Raumonen, Pasi; Kaasalainen, Mikko; Kaasalainen, Sanna; Kaartinen, Harri / Comprehensive Quantitative Tree Models from TLS Data.

Research output: Scientific - peer-review › Conference contribution


Research output: Scientific - peer-review › Chapter