



OTTO VON GUERICKE
UNIVERSITÄT
MAGDEBURG

EIT

FAKULTÄT FÜR
ELEKTROTECHNIK UND
INFORMATIONSTECHNIK

Publikationsbericht 2020

Institut für Medizintechnik

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1. LEITUNG

Prof. Dr. rer. nat. Christoph Hoeschen (geschäftsführender Leiter)
Prof. Dr.-Ing. Marco Leone
Prof. Dr. rer. nat. Georg Rose
Prof. Dr.-Ing. Ralf Vick
Dr.-Ing. Mathias Magdowski

2. VERÖFFENTLICHUNGEN

BEGUTACHTETE ZEITSCHRIFTENAUFsätze

Cleynen, Olivier; Santa-Maria, Germán; Magdowski, Mathias; Thévenin, Dominique

Peer-graded individualised student homework in a single-instructor undergraduate engineering course
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Reconstruction and analysis of a carbon-core metabolic network for *Dunaliella salina*
BMC bioinformatics - London: BioMed Central, Volume 21(2020), article 1, 9 Seiten;

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Hoeschen, Christoph

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The journal of world intellectual property - Oxford [u.a.]: Wiley-Blackwell, 1998, Bd. 23.2020, 5/6, S. 658-678;

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Hoepfner, Benjamin; Vick, Ralf

Detektion symmetrischer Oberschwingungskomponenten durch generalisierte Integratoren zweiter Ordnung

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Numerische Simulation der Einkopplung transienter elektromagnetischer Felder in nichtlinear-abgeschlossene Leitungsnetzwerke mit einem SPICE-Netzwerksimulator

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Rückwirkung von Positioniersystemen auf die Feldverteilung in einer GTEM-Zelle

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ABSTRACTS

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Power control for an MRI ablation hybrid system

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Mattern, Hendrik; Odenbach, Robert; Thoma, Niklas; Godenschweger, Frank; Speck, Oliver

Remotely controllable phantom rotation device for cross-calibration at 7T
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Punzet, Daniel; Frysch, Robert; Khosroshahi, Elnaz; Beuing, Oliver; Speck, Oliver; Rose, Georg

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Walke, Mathias; Egito, Micaela Lambru; Brunner, Thomas B.

Absolute Bestimmung Gantry-abhängiger Bewegungen starrer Bauteile am LINAC hinsichtlich des Einflusses auf die stereotaktische Genauigkeit
Strahlentherapie und Onkologie: journal of radiation oncology, biology, physics - Berlin: Springer Medizin, 1997, Bd. 196.2020, Suppl. 1, P21-2, S. S114;
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A robot control platform for motor impaired people
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Wollrab, Astrid; Kraff, Oliver; Speck, Oliver; Quick, Harald H.; Ladd, Mark E.

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[ISMRM 28th annual ISMRM virtual conference & exhibition, virtual, 08. - 14. August 2020]

DISSERTATIONEN

Bednarz, Christian; Leone, Marco [AkademischeR BetreuerIn]

Modale Netzwerkmodellierung elektrischer Verbindungsstrukturen mittels eines quasistatischen Feldintegralansatzes

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Hoffmann, Thomas; Rose, Georg [AkademischeR BetreuerIn]; Juhre, Daniel [AkademischeR BetreuerIn]

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Petzold, Jörg; Vick, Ralf [AkademischeR BetreuerIn]; Gronwald, Frank [AkademischeR BetreuerIn]

Analytische Beschreibung der Kopplung elektromagnetischer Felder durch Aperturen in Resonatoren

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Saeid Nezhad, Nazila; Hoeschen, Christoph [AkademischeR BetreuerIn]; Skalej, Martin [AkademischeR BetreuerIn]

Construction and geometric calibration of a new robot-driven scanning geometry

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