



Poster-Session 3 (14:10 - 15:10)

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27	<i>H. Meineke, J. Obleser, M. Wöstmann</i>
	Immediate and Longitudinal Benefit of Unilateral Cochlear Implantation on Spatial Listening
85	<i>K. M. Kogel, M. Hey, T. Jürgens</i>
	Design of a multidimensional outcome measure test battery for cochlear implant patients
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	Quality Assurance in Cochlear Implant Rehabilitation – Development of a Protocol –
63	<i>M. Harries, L. Jäger, H. Husstedt</i>
	Update of the Freiburg monosyllabic speech test on the basis of word frequency distribution
66	<i>S. Langenbacher</i>
	Development of a study environment for school-aged children implanted with Cochlea Implants
94	<i>T. Günther, S. Meier</i>
	A comparison of different methods of conducting a childrens test for speech understanding

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	Autonomous locomotion of a quasi-omnidirectional rover
59	<i>M. Maan, A. A. Kumar</i>
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129	<i>M. Bleskina, S. Szymczak</i>
	The Optimal Crowd Machine for multi-omics data integration
103	<i>N. Kompe, N. T. Nguyen</i>
	Autonomous Mapping of Rumex in Grassland with a Mobile Robot
12	<i>R. J. Luckey, K. Ehlers, H. Hamann</i>
	A Decentralized Multi-Robot Warehouse Picking Mechanism with High Scalability, Robustness and Low Wear
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	Flood Detection using Optical and SAR Satellite Data

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	Fluidic design of a spectroscopic oximetry module
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	Adjustment and evaluation of a newly designed device to set the reference arm length in swept source OCT
93	<i>B. Mustafa, M. Göb, L. Ha-Wissel, J. E. Hundt, R. Huber</i>
	Automated vessels count algorithm to find novel OCT-based biomarkers for inflammatory skin diseases



118	<i>M. Khalil, T. Kutscher, S. Meyer, Y. Kasprzak, S. Karpf</i>
	Wavelength regulation of a 1550 nm Fourier-domain mode-locked laser using a silicon camera
36	<i>S. Jegatheeswaran, M. Wunderlich, M. Stender</i>
	Evaluation of swept source OCT-based aberrometry measurement
106	<i>G. Berg</i>
	State of the art analysis of medical foot switches for high frequency applications
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	Definitions and applications of digital biomarkers: a systematic mapping of the biomedical literature
13	<i>J. Kruse, J. Böttcher, J. Wiedekopf, J. Ingenerf</i>
	Experiences of adding FHIR support to a legacy system
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	Developing a validation tool to evaluate data quality and improve data uniformity for a federated feasibility query platform
40	<i>R. Schulze, R. Stenger, S. Fudickar</i>
	An app for documenting the progress of therapy in movement disorders
10	<i>T. Ohlsen, C. Drenkhahn, J. Ingenerf</i>
	WASP - Web application supporting SNOMED CT-based postcoordination
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	Experimental Validation of a software Tool used for determining the Pulse Wave speed in blood Vessels from 2D MRI data
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	Colon Segmentation and Centerline Estimation in Abdominal CT Scans
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	Classification of Prostate Cancer in 3D Magnetic Resonance Imaging Data based on Convolutional Neural Networks
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	Analysis and Correction of Thermally Induced Errors of Time-of-Flight Cameras
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	Reaction coordinates of protein folding: Comparison between the number of native hydrogen bonds and the RMSD of the crystal structure



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	Atomic Force Microscope analysis of binding forces of E. coli bacteria to Sahara mineral dust particles collected on the Cape Verde Islands
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	Development of a Low-Cost Process Chain for the Production of Microfluidic Structures by Additive Manufacturing
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	Investigation of Sample Drift for Improved Recording of Single Molecule Time Traces at Low Temperatures (77 K)