

## IEEE EMBS ISC '19 Magdeburg Germany Presentation Schedule

**22<sup>nd</sup> November 2019, Day 1. Ignite Sessions + Poster Session**

**17 :30-19 :00, Zentraler Hörsaal + Foyer**

<b>Sr. No.</b>	<b>Presentation</b>	<b>Submission ID</b>	<b>Author</b>
1	Vascular Pattern Enhancement and Extraction in Contact Endoscopy Images of Larynx	115	Esmaeili Nzaila
2	Parametrization of an audio signal	145	Pawaskar Nishad Ashok
3	Transmission and Visualization of Carotid Auscultation signals in an Android Application	111	Cheyanda Jahnavi Thimmaiah
4	Single-Image Super-Resolution for Fast 4D OCT Acquisition	122	Caspers Philipp
5	ADHD Neurofeedback: Gameful gestures as a transfer into daily life	134	Gabele Mareike
6	Proximal Audio Emmissions Measurement for Veress Needle Guidance during Laparoscopic Entry	116	Schaufler Anna
7	Real-time Emotion Detection for Medical and Home Caring	113	Yan Chao
8	Surface Quality Assessment of Screen-Printed Low-Cost MR Compatible Electrically Conductive Polymer	140	Rathi Sanchit
9	Adjustable Bone Plate Design	128	Huri Gazi
10	Towards Multi-user Virtual Reality Camera Navigation Training for Laparoscopic Surgery	104	Chheang Vuthea
11	Assessment of the performance of a new gamma-ultrasound scanner: preliminary results of ultrasound imaging	137	Fomanka Lauretta
12	Audio Transducers and Signal Conditioning Strategies for Auscultation and Monitoring of the Carotid Artery	146	Salvi Rutuja
13	Automatic Scar tissue segmentation in CT with Convolutional Neural Networks	105	Singh Yashbir
14	To go: Gameful Extension for Cognitive Rehabilitation Software	133	Endler Annika
15	Quantitative Volumetric Assessment of CT-guided Ablation Treatments for Colorectal Liver Metastases	136	Sandu Raluca Maria
16	RGB and IR-sensor fusion for low-cost detection of injured Human beings	139	Gupta Archana
17	Beyond Tool Motion Analysis: Exploring Potential Innovations for Augmenting Laparoscopic Surgery Skill Analysis and Training	130	Bolingot Harold Jay Medida

## 23<sup>rd</sup> November 2019, Day 2. Ignite Sessions + Poster Session

17 :00-18 :30, Zentraler Hörsaal + Foyer

Sr. No.	Presentation	Submission ID	Author
1	Combining Formlabs Resins to cover multiple mechanical properties	119	Savysko Oleksandr
2	Electrophysiological measurement of the perturbed calcium-phosphate homeostasis in Charophyceae chara braunii	120	Pöbel Andreas Friedrich
3	Polymer bonding approach in microfluidics for organ-on-a-chip applications	131	Bakhchova Liubov
4	Smart Balance Board for Stability Training and Gaming	114	Ehse Maik
5	Strategies: Include Cognitive Rehabilitation Training in Daily Life	112	Gabele Mareike
6	Artefact-reduced MRI imaging by using fiber-bundle core based needles	124	Al-Maatoq Marwah
7	Retinal Screening Using an Open Source Ophthalmoscope and Deep Learning for Retinal Vessel and Optic Disc Segmentation	118	Holmes Tobias
8	Machine Learning for comparing the resolution in different Ultrasounds.	106	Torres Sandra
9	Nitinol Based Biopsy Needle Design	110	Doshi Asmita
10	Brain-Computer Interaction in Virtual Reality with Low-Cost BCI Devices	141	Liu Tung-Lung
11	Development of an embedded device for the acquisition of audio signals produced inside human body	117	Ali Ghazanfar
12	Spinal Ultrasound Bone Segmentation to ease surgeries	144	Alba Rivera
13	New Concept for Laparoscopic Magnetic Detection of Sentinel Lymph Nodes	102	Van de Loosdrecht Melissa
14	Automatic Classification of Contact Endoscopy Images using Artificial Neural Networks Classifier	109	Vizhnay Nicole Stephanie
15	Prototype for a surgical tool attachment to reduce tool maintenance costs	138	Kaupenjohann Matti
16	Open-source early health technology assessment in regenerative medicine with TESSEE	148	Bandeiras Catia Filipa

## 23<sup>rd</sup> November 2019, Day 2. Oral Presentations

9 :00-11 :00, Zentraler Hörsaal

Sr. No.	Presentation	Submission ID	Author	Time
1	Intraoperative Distance Estimation using AR-Visualization and Auditory Display	132	Schmidt Gerd	9:00-9:12
2	Registration techniques for computer-aided endopancreatic surgery	143	Eigl Benjamin	9:12-9:24
3	Ex-vivo sentinel lymph node mapping in colorectal carcinoma	103	Molenaar Lennert	9:24-9:36
4	Thyroid Ultrasound Images Synthesis with Generative Adversarial Networks	108	Gülkökan Onur	9:36-9:48
5	Emphysema classification in low dose computed tomography data based on semi-supervised anomaly detection	126	Nagaraj Yeshaswini	9:48-10:00
6	A Study on the Classification Performance of Cardiotocographic Data vs. Class Formation Criteria	125	Fuentealba Patricio	10:00-10:12
7	Markerless 6 DoF Needle Pose Estimation in 3D OCT	123	Kühn Marc Alexander	10:12-10:24
8	The effect of viewpoint on fractal dimension of renal vascular tree	107	Heryan Katarzyna Maria	10:24-10:36
9	Time Series Classification of Physiological Data	142	Spiller Moritz Herbert	10:36-10:48
10	Robotically customizable thermal ablation volumes	127	Paolucci Iwan	10:48-11:00