BioMedTec Wissenschaftscampus

Studierendentagung Lübeck 2012

Life Science Nord

Studierendentagung Lübeck 2012 - Programm 29. März 2012

Uhrzeit	Programm				
12.00-13.00	Registrierung der Teilnehmer, Upload der Präsentationen				
13.00-13.15	Begrüßung der Teilnehmer durch Universität Lübeck				
13.15-15.20	Postersession (geführt von Stephan Klein, FHL): Präsentationen direkt am Poster (5 Minuten pro Poster)				
15.20-15.50	Kaffeepause				
15.50-17.50	Workshops:				
	Workshop 1: **AM S1** Studium und dann? Zukunftsperspektiven außerhalb von F&E (Philips Medical GmbH)	Workshop 2: **AM S2** Soft skills – erfolgreich durch soziale Kompetenz (Birte Loffhagen, Dräger Medical)	Workshop 3: **Geb. 64, R67** Hilfe, Bewerbung! Wie bereite ich mich optimal für z.B. Assessment Center vor? (Pia Jedamzik, Stryker Osteosynthesis)	Workshop 4: **AM4** Präsentations- und Vortragstechniken – Die Selbstpräsentation (Dr. Bettina Jansen-Schulz, Hochschulabteilung)	Workshop 5: **Geb.64, R107** Arbeitsmarktregion Lübeck 2030 – Chancen und Risiken für AkademikerInnen (Dr. Ulrich Hoffmeister, IHK zu Lübeck)
17.50-18.00	Pause, Treffen im Audimax				
18.00-18.30	"Starting up! Was tun?" Dr. Frank Schnieders, Provecs Medical GmbH				
ab 18.30 Uhr	Get-together				

BioMedTec Wissenschaftscampus

Studierendentagung Lübeck 2012

Life Science Nord

Studierendentagung Lübeck 2012 - Programm 30. März 2012

Uhrzeit		Vortragstitel	Referent/in
07.30-08.15		Registrierung der Teilnehmer	
08.15-08.20		Begrüßung der Teilnehmer durch Universität Lübeck	
08.20-08.25		Begrüßung der Teilnehmer durch Dr. Hinrich Habeck, Norgenta	
08.25-09.40		***Biomedical Engineering I (Reginald Birngruber, Institut für Biomedizinische Optik, UzL)***	
08.25-08.40	01*	Development of a program to analyse and visualize ciliary beat frequency ex vivo	Christian Myrtus
08.40-08.55	02	Plug-in LED lighting for ureteroscopes	Milan Öri
08.55-09.10	03	CE certification of TTI Imaging	Jan Krieger
09.10-09.25	04	EMG-based estimation of wrist kinematics using Fisher's linear discriminant analysis	Nina Rudigkeit
09.25-09.40	05	Material compatibility with different sterilization procedures	Yannik Schröder
09.40-10.00		Kaffeepause	
10.00-11.15		***Biomedical Engineering II (Henrik Botterweck, Zentrum für Biomedizintechnik, FHL)***	
10.00-10.15	06	Electrical Impedance Tomography Image Reconstruction with EIDORS	Julia Henschel
10.15-10.30	07	Development and implementation of a method for producing directional solidified, electrospun hybrid structures as nerve guidance channels	Christopher Janssen
10.30-10.45	29	Spectral light modulation using a digital micromirror device (DMD) for the calibration of pulse oximetry sensors	Stefan Marx
10.45-11.00	08	Multi-frequency Electrical Impedance Tomography for irreversible Electroporation	Windy Saputra
11.00-11.15		Filtering cardiac artefacts from transdiaphragmal pressure for the validation of a non-invasive method to assess work of breathing	Merle Strutz
11.15-11.35		Kaffeepause	
11.35-12.35		***X-Ray and Computed Tomography (Achim Schweikard, Institut für Robotik und Kognitive Systeme, UzL)***	
11.35-11.50	09	Emissivity factor comparison of different coatings for medical x-ray tube housings	Imke Zeuner
11.50-12.05	10	Models for osteoarthritis assessment from digital x-ray images of the lower extremity	Alexander Mikula
12.05-12.20	11	Phantom-based Determination of Noise Distribution in Computed Tomography	Christian Kaethner
12.20-12.35	12	Construction and Calibration of a Micro-CT Phantom for the Determination of Iron Oxide Concentrations in Ferrofluids	Christina Maria Debbeler
12.35-13.35		Mittagspause in der Mensa	
13.35-14.20		***Magnetic Particle Imaging (Thorsten M. Buzug, Institut für Medizintechnik, UzL)***	
13.35-13.50	13	Localization of small ferromagnetic samples in a magnetic particle imaging scanner	Nils Nothnagel
13.50-14.05	14	3-Dimensional FFP-MPI-Scanner Simulation using X-Space Theory	Matthias Weber
14.05-14.20	15	Realistic Simulation of a Movable and Rotatable Field-Free Line in Magnetic Particle Imaging	Klaas Bente
14.20-15.20		***Magnetic Resonance Imaging (Alexander Schläfer, Institut für Robotik und Kognitive Systeme, UzL)***	
14.20-14.35	16	Flexible Probe Positioning for Workbench Measurements on MRI Coils	Lars Kreutzburg
14.35-14.50	17	Curved saturation for spine imaging in magnetic resonance imaging	Britta Lehmann
14.50-15.05	18	Visualization of tumor tissue in the peripheral zone of the prostate using multi-parametric MR images	Erik Slowikowski
15.05-15.20	19	Rotation estimation in k-space for different trajectories	Anselm von Gladiß
15.20-15.40		Kaffeepause	
15.40-16.40		***Biomedical Optics (Alfred Vogel, Institut für Biomedizinische Optik, UzL)***	
15.40-15.55	20	Development of a Novel Fractional Laser Device Utilizing a Tunable Cr2+:ZnSe Infrared Laser	Man Linh Ha
15.55-16.10	21	Full range Fourier domain optical coherence tomography via piezo-driven reference mirror	Susanne Luft
16.10-16.25	22	Resection of human calcified aortic heart valves in vitro by using a Thulium laser	Jennifer-Magdalena Masch
16.25-16.40	23	Determining the accuracy and repeatability of a multidimensional eye tracker designed for laser refractive surgery	Laila Paulsen
16.40-16.50		Pause	
16.50-18.05		***Medical Image Computing (Hauke Paulsen, Institut für Physik, UzL)***	
16.50-17.05	24	Visualization of self-expanding stent systems and reject minimization	Maresa Glanert
17.05-17.20	25	Preprocessing of Spectral Retinal Images for Registration	Florian Griese
17.20-17.35	26	Classification of Multiple Sclerosis Patients using Support Vector Machines	Viktor Wottschel
17.35-17.50	27	Mathematical modelling of breast tumour growth and treatment	Anna Heye
17.50-18.05	28	Camera and tracking system calibration for image guided bronchoscopy	Pedro Manuel Baptista Néova
18.05-18:20		***Zusammenfassung, Ausblick und Preisverleihung***	
	*	***Nummer des Posters***	