

SFB 1340 "Matrix in Vision" Blockseminars 14-18 January 2019, 9 am - 5 pm

Venue: Seminar room BCAN, Sauerbruchweg 4, 2nd floor

"Biology and Methods for ECM-targeted imaging"

	Monday January 14	Tuesday January 15	Wednesday January 16	Thursday January 17	Friday January 18
Time	9:00 - 10:30	9:00 - 10:30	9:00 - 10:30	9:00 - 10:30	9:00 - 10:30
Name	Prof. Vartan Kurtcuoglu, ETH Zürich	Tobias Schaeffter	Jeanette Schulz--Menger	Ingolf Sack	Johannes Bernarding
Title	Computational Flow Modeling Based on Imaging Data	MRI Principles	Cardiovascular MR: Quantification in Clinical Routine	Measurement of the viscoelastic properties of soft tissues	Diffusionsbildgebung: Grundlagen und Anwendungen
Time	10:30 - 11:00	10:30 - 11:00	10:30 - 11:00	10:30 - 11:00	10:30 - 11:00
	Coffee break (Catering)	Coffee break (Catering)	Coffee break (Catering)	Coffee break (Catering)	Coffee break (Catering)
Time	11:00 - 12:30	11:00 - 12:30	11:00 - 12:30	11:00 - 12:30	11:00 - 12:30
Name	Heiko Tzschätzsch	Tobias Schaeffter	Marcus R. Makowski	Josef A Käs	Leif Schröder
Title	Ultrasound Principles	Quantitative MRI	Imaging of the ECM using molecular MR probes	Cell and Tissue Mechanics	CEST NMR and MRI
Time	12:30 - 13:30	12:30 - 13:30	12:30 - 13:30	12:30 - 13:30	12:30 - 13:30
	Lunch (Not included)	Lunch (Not included)	Lunch (Not included)	Lunch (Not included)	Lunch (Not included)
Time	13:30 - 15:00	13:30 - 15:00	13:30 - 15:00	13:30 - 15:00	13:30 - 15:00
Name	Robert Bittl	Tobias Schaeffter/Sebastian Schmitter	Rudolf Tauber	Matthias Taupitz	Shravan Vasishth
Title	EPR - Basics and Applications	Cardiac MRI - Physics and Techniques	Complex carbohydrates of glycoproteins, glycosaminoglycans and proteoglycans	Clinical MRI	Bayesian vs frequentist data analysis: A comparison
Time	15:00 - 15:30	15:00 - 15:30	15:00 - 15:30	15:00 - 15:30	15:00 - 15:30
	Coffee break (Catering)	Coffee break (Catering)	Coffee break (Catering)	Coffee break (Catering)	Coffee break (Catering)
Time	15:30 - 16:30	15:30 - 17:00	15:30 - 17:00	15:30 - 17:00	15:30 - 17:00
Name	Birgit Kanngießer	Eyk Schellenberger	Carmen Infante Duarte	Antje Ludwig	Sack / Schäffter / Bergs
Title	X-ray microscopy	Iron based probes for MRI	Visualizing inflammation-induced ECM alterations in the brain	Visualizing vascular endothelial dysfunction	Review of the seminars, student's evaluation, elections
Time	16:30 -				
Name	Sack / Schäffter / Bergs				
Title	GRK - SFB information followed by dinner in Porta Nova				