

Events list

April 2017

- April 5 @ 5:00 pm - 8:30 pm, **1st BIOQIC introduction seminar + pizza dinner**, by Ingolf Sack and Judith Bergs
- April 27 @ 2:00 pm - 4:00 pm, **Time-domain waveform modeling and inversion from millimeters to the Globe**, by Christian Böhm of ETH

May 2017

- May 2 @ 5:00 pm - 7:00 pm, **2nd BIOQIC introduction seminar - an introduction to writing scientific papers + pizza dinner**, by Ingolf Sack, Tobias Schäffter and Judith Bergs
- May 3 @ 1:00 pm - 2:00 pm, **Molecular imaging strategies to approach the tumour microenvironment**, by Michel Eisenblätter, Universitätsklinikum Münster & King's College London
- May 15 @ 4:00 pm - 6:00 pm, **Mathematical Mysteries of Deep Neural Networks**, by Prof. Dr. Stéphane Mallat (École Normale Supérieure)
- May 22 @ 4:15 pm - 6:00 pm, **BIMoS Day "Shallow Water Flow Simulations"**, by Prof. Dr. Reinhard Hinkelmann (TU Berlin)
- May 30 @ 5:00 pm - 7:00 pm, **Stacked frequency wave inversion: a perspective from numerical analysis**, by Dr. Penelope Davies

June 2017

- June 1 – 21 @ 8:30 am - 5:00 pm, **BIOQIC entry block seminars**, by various BIOQIC PI's

- June 2 - June 3, **BSIO partner school symposium: “Sharing radically novel visions in Cancer”** and **“Young Scientists in Cancer”**
- June 9 @ 2:00 pm - 6:00 pm, **Wissenschaftssymposium der Radiologie**
- June 22, **BIOQIC retreat**
- June 29 @ 12:00 pm - 1:00 pm, **BIOQIC Lecture: CT technology**, by Marc Kachelrieß, DKFZ
- June 30, **8th Scientific Symposium on Clinical Needs, Research Promises and Technical Solutions in Ultrahigh Field Magnetic Resonance**

July 2017

- July 18 @ 5:00 pm - 7:00 pm, **BIOQIC seminar: Macroscopy and histology of different organs**, by Korinna Jöhrens
- July 25 @ 5:00 pm - 7:00 pm, **BIOQIC seminar: Aspects of drug development in research and development on imaging probes**, by Matthias Taupitz

September 2017

- September 5 @ 5:00 pm - 6:30 pm, **BIOQIC seminar: good scientific practice**, by Marc Dewey
- September 12 @ 4:00 pm - 5:00 pm, **BIOQIC seminar: Effects of Hyaluronic acid on the mechanical behavior of cells and tissues**, by Paul Janmey University of Pennsylvania
- September 19 - September 20, **Quantitative Cardiac Imaging Meeting: Coronary Plaques and Myocardial Perfusion**, @Charité
- September 27, **BIOQIC day**

- September 28 - September 29, **1st MRE Workshop**

October 2017

- October 4 - October 6, **Conference Physics of Cancer**, Leipzig, Germany

November 2017

- November 7 @ 5:00 pm - 6:00 pm, **BIOQIC seminar: Role of the ethics commission**, by Tobias Schäffter
- November 14 @ 5:00 pm - 6:00 pm, **BIOQIC Seminar: Basic concepts of statistical inference: likelihood, distributions and models**, by Eric Barnhill
- November 20 @ 9:00 am - 10:00 am, **Seminar: Dual-VENC phase unwrapping for PC-MRI**, by Cristóbal Bertoglio, Johann Bernoulli Institute, Groningen, NL
- November 21 @ 5:00 pm – 6:00 pm, **BIOQIC Journal Club: Uecker et al., ESPIRiT-an eigenvalue approach to autocalibrating parallel MRI: where SENSE meets GRAPPA, Magnetic Resonance in Medicine, 2014**, by Jean Pierre Bassege
- November 28 @ 5:00 pm - 6:00 pm, **BIOQIC Seminar: The statistics “classics” — t-tests and ANOVAs — their dangers, and how to stay out of trouble** , by Eric Barnhill
- November 30 @ 1:30 pm - 2:30 pm, **Seminar: Computation of axon strains under head impact**, by Rémy Willinger, Université de Strasbourg, France

December 2017

- December 12 @ 5:00 pm - 6:00 pm, **BIOQIC Journal Club + BIOQIC Christmas dinner: Christ, A.F., Mechanical difference between white and gray matter in the rat cerebellum**

measured by scanning force microscopy, Journal of Biomechanics, 2010, by Gergely Bertalan

January 2018

- January 16 @ 5:00 pm - 6:00 pm, **BIOQIC Seminar: Scientific Writing – Part 2**, by Judith Bergs
- January 23 @ 5:00 pm - 6:00 pm, **BIOQIC Journal Club: Reeder, S.B., Iterative decomposition of water and fat with echo asymmetry and least-squares estimation (IDEAL) fat spin-echo imaging of the ankle: Initial clinical experience, MRM, 2005**, by Sebastian Dietrich
- January 30 @ 5:00 pm - 6:00 pm, **BIOQIC Seminar: The new BIOQIC app server**, by Tom Meyer