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|-----------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|
| <b>WORKSHOP "Theoretical Biophysics/Biophysical Modelling and Simulation" Mi, 16.05. - Fr, 18.05.2018</b>             |                            |                                                                                                                                            |                                                                               |                                      |
| <b>TU Graz, Institut für Theoretische Physik-Computational Physics, Petersgasse 16/II</b>                             |                            |                                                                                                                                            |                                                                               |                                      |
| Vorträge im Rahmen der Hearings - Tenure Track Position "Theoretical Biophysics/Biophysical Modelling and Simulation" |                            |                                                                                                                                            |                                                                               |                                      |
|                                                                                                                       |                            |                                                                                                                                            |                                                                               |                                      |
| <b>Datum/Zeit</b>                                                                                                     | <b>Vortragender</b>        | <b>Affiliation</b>                                                                                                                         | <b>Vortragstitel</b>                                                          | <b>Raum / Ort</b>                    |
| <b>Mi, 16.05.2018</b>                                                                                                 |                            |                                                                                                                                            |                                                                               |                                      |
| 08:30-09:00                                                                                                           | <b>Gerhard Holzapfel</b>   | Institute of Biomechanics, Graz University of Technology                                                                                   | <b>Biophysics at TU Graz</b>                                                  | HS P2 Petersgasse 16/EG              |
| 09:00-09:30                                                                                                           | <b>Georg Pabst</b>         | Institut für Molekulare Biowissenschaften, Karl-Franzens-Universität Graz                                                                  | <b>Biophysics in Graz: The past, present and future</b>                       | HS P2 (PHEG002)<br>Petersgasse 16/EG |
| 09:30-10:00                                                                                                           | <b>Coffee break</b>        | <b>Coffee break</b>                                                                                                                        | <b>Coffee break</b>                                                           | Foyer P2<br>Petersgasse 16/EG        |
| 10:00-11:00                                                                                                           | <b>Ana-Nicoleta Bondar</b> | Theoretical Molecular Biophysics, Freie Universität Berlin,<br>Fachbereich Physik<br>D-Berlin                                              | <b>Theoretical Biophysics of Membrane Proteins and<br/>Membrane Reactions</b> | HS P2 (PHEG002)<br>Petersgasse 16/EG |
| 11:00-12:00                                                                                                           | <b>Benjamin Friedrich</b>  | Biological Algorithms Group<br>TU Dresden: Biological Systems Path of the Center for Advancing<br>Electronics Dresden (cfaed)<br>D-Dresden | <b>Lagrangian mechanics of cells and tissues</b>                              | HS P2 (PHEG002)<br>Petersgasse 16/EG |
| 12:00-13:00                                                                                                           | <b>Lunch break</b>         | <b>Lunch break</b>                                                                                                                         | <b>Lunch break</b>                                                            | <b>Lunch break</b>                   |

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| <b>Datum/Zeit</b>                                                                                                     | <b>Vortragender</b>                 | <b>Affiliation</b>                                                        | <b>Vortragstitel</b>                                                                                               | <b>Raum / Ort</b>                                     |
| <b>Do, 17.05.2018</b>                                                                                                 |                                     |                                                                           |                                                                                                                    |                                                       |
| 08:30-09:30                                                                                                           | <b>Douwe Jan Bonthuis</b>           | Institut für Theoretische Physik,<br>Freie Universität Berlin<br>D-Berlin | <b>Water and ions in bulk and at interfaces: from molecular structure to macroscopic dynamics</b>                  | HS E (NT01088)<br>Kopernikusgasse 24/ 1.OG            |
| 09:30-10:00                                                                                                           | <b>Coffee break</b>                 | <b>Coffee break</b>                                                       | <b>Coffee break</b>                                                                                                | Foyer P2<br>Petersgasse 16/EG                         |
| 10:00-11:00                                                                                                           | <b>Matthias Merkel</b>              | Department of Physics,<br>Syracuse University<br>USA-New York             | <b>Physical multi-scale approaches to study deformation, mechanics, and polarity dynamics in biological tissue</b> | HS E (NT01088)<br>Kopernikusgasse 24/ 1.OG            |
| 11:00-12:00                                                                                                           | <b>Daniele De Martino</b>           | Institute of Science and Technology,<br>IST Austria<br>A-Vienna           | <b>Statistical mechanics for metabolic networks</b>                                                                | HS E (NT01088)<br>Kopernikusgasse 24/ 1.OG            |
| 12:00-13:00                                                                                                           | <b>Lunch break</b>                  | <b>Lunch break</b>                                                        | <b>Lunch break</b>                                                                                                 | Lunch break                                           |
| <b>Fr, 18.05.2018</b>                                                                                                 |                                     |                                                                           |                                                                                                                    |                                                       |
| 08:30-09:30                                                                                                           | <b>Kristyna Pluhackova</b>          | Biophysics Group,<br>ETH Zürich<br>CH-Basel                               | <b>Unraveling the biotechnological potential of (bio)membranes by multiscaling molecular dynamics simulations</b>  | TDK SR (PHEG016)<br>Petersgasse 16/EG                 |
| 09:30-10:00                                                                                                           | <b>Emanuela Bianchi<br/>(Skype)</b> | Computational Physics,<br>University of Vienna<br>A-Wien                  | <b>Model systems with directional interactions for anisotropy-driven self-assembly</b>                             | Bibliothek<br>2. OG (PH02094)<br>Petersgasse 16/ 2.OG |