

Bad Honnef Physics School „Energy Science – an interdisciplinary challenge“, September 1-6, 2019,  
Physikzentrum Bad Honnef, Germany

| <i>Time</i>   | <i>Sunday<br/>Sept 1</i> | <i>Monday<br/>Sept 2</i>                    | <i>Tuesday<br/>Sept 3</i>                                       | <i>Wednesday<br/>Sept 4</i>                              | <i>Thursday<br/>Sept 5</i>                          | <i>Friday<br/>Sept 6</i>                           |
|---------------|--------------------------|---------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| 08:00         | Arrival                  | Breakfast                                   |                                                                 |                                                          |                                                     |                                                    |
| 09:00 – 10:30 |                          | <b>Ch. Buchal</b><br>Overview               | <b>M. Schreckenberg</b><br>Mobility                             | <b>J. Rosales Carreon</b><br>Food-Water-Energy-<br>Nexus | <b>P. Cuéllar</b><br>Wind energy                    | <b>T. Bongers</b><br>Electricity grids             |
| 10:30         |                          | Discussion                                  |                                                                 |                                                          |                                                     |                                                    |
| 11:00 – 12:30 |                          | <b>G. Schierning</b><br>Energy harvesting   | <b>D. Pleiter</b><br>Energy efficient<br>information technology | <b>M. Schmid</b><br>Photovoltaics                        | <b>M. Lange</b><br>Combined heat and<br>power units | <b>R. Schlögl</b><br>Chemical energy<br>conversion |
| 12:30         |                          | Discussion                                  |                                                                 |                                                          |                                                     |                                                    |
| 13:00         |                          | Lunch                                       |                                                                 |                                                          |                                                     |                                                    |
| 14:00 – 15:30 |                          | <b>N.N.</b><br>Conventional power<br>plants | <b>S. Lintker</b><br>Global aspects of energy<br>consumption    | <b>J. Newson</b><br>Geothermal energy                    | <b>Excursion</b>                                    | End of the School                                  |
| 15:30         |                          | Discussion                                  |                                                                 |                                                          |                                                     |                                                    |
| 16:00 – 17:30 |                          |                                             | <b>P. Hefe</b><br>Energy strategies in<br>Asia                  | <b>G. Brunklaus</b><br>Energy storage                    |                                                     |                                                    |
| 17:30         |                          | Welcome                                     | Discussion                                                      |                                                          |                                                     |                                                    |
| 18:00         |                          | Dinner                                      |                                                                 |                                                          |                                                     |                                                    |
| 20:00 – ...   |                          | student presentations                       | student presentations                                           | student presentations                                    | social get together /<br>wrap-up                    |                                                    |