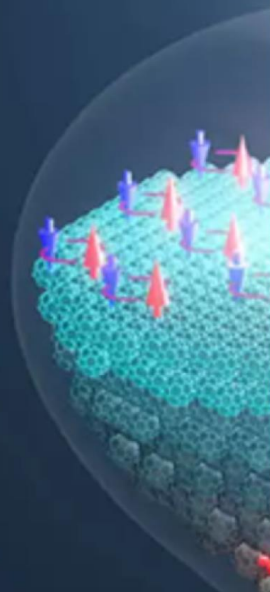




HAMBURG, GERMANY

April 23-26

International Spring School on the Structure and Dynamics of Matter



CFEL, Hamburg



Program Tuesday, 23th April

| Time | Name | Title of Talk | Room |
|------------|--------------|--|-----------|
| From 08:45 | | Welcome coffee and registration | Foyer |
| 09:15 | A. Rubio | Welcome remarks | Sem I-III |
| 09:30 | A. Cavalleri | Photo induced phase transitions | Sem I-III |
| 11:00 | | <i>Coffee Break</i> | Foyer |
| 11:30 | P. Radaelli | Symmetry and the tensor properties of condensed matter – introduction and theory | Sem I-III |
| 13:00 | | <i>Lunch</i> | Foyer |
| 14:00 | P. Radaelli | Symmetry and the tensor properties of condensed matter – applications to equilibrium, optical and transport properties | Sem I-III |
| 15:30 | | <i>Coffee Break</i> | Sem I-III |
| 16:00 | M. Först | Controlling ferroic order through nonlinear phononics | Sem I-III |
| 18:00 | | <i>Dinner</i> | Foyer |
| From 19:00 | | Poster Session | Foyer |

Program Wednesday, 24th April

| Time | Name | Title of Talk | Room |
|------------|----------------|--|-----------|
| 09:30 | H. Chapman | X-ray scattering and imaging for ultrafast structure determination I | Sem I-III |
| 11:00 | | <i>Coffee Break</i> | Foyer |
| 11:30 | H. Chapman | X-ray scattering and imaging for ultrafast structure determination II | Sem I-III |
| 13:00 | | <i>Lunch</i> | Foyer |
| 14:00 | M.G. Vergniory | Crystalline symmetries and the topological materials data base | Sem I-III |
| 15:30 | | <i>Coffee Break</i> | Sem I-III |
| 16:00 | A. Rubio | Fundamentals of the theoretical modeling of non equilibrium phenomena and nonlinear spectroscopies | Sem I-III |
| 18:00 | | <i>Dinner</i> | Foyer |
| From 19:00 | | Poster Session | Foyer |

Program Thursday, 25th April

| Time | Name | Title of Talk | Room |
|------------|--------------|---|---------------------|
| 09:30 | M. Rossi | Electronic and Nuclear Structure and Dynamics of Quantum Materials with Machine Learning | Sem I-III |
| 11:00 | | <i>Coffee Break</i> | Foyer |
| 11:30 | C. Dean | Bandstructure engineering in 2D materials | Sem I-III |
| 13:00 | | <i>Lunch</i> | Foyer |
| 13:45 | | Lab Tour | Meeting point foyer |
| 15:00 | | <i>Coffee Break</i> | Sem I-III |
| 15:30 | K. Novoselov | <i>From 2D Materials and van der Waals heterostructures to Functional Intelligent Materials: research and application</i> | Sem I-III |
| 18:00 | | <i>Dinner</i> | Foyer |
| From 19:00 | | Get-Together | Foyer |

Program Friday, 26th April

| Time | Name | Title of Talk | Room |
|-------|---------|---|-----------|
| 09:00 | P. Moll | What quantum oscillations teach us about topology I | Sem I-III |
| 10:30 | | <i>Coffee Break</i> | Foyer |
| 11:00 | P. Moll | What quantum oscillations teach us about topology II | Sem I-III |
| 12:30 | | <i>Lunch</i> | Foyer |
| 13:30 | | <i>Coffee Break</i> | |
| 14:00 | C. Dean | Photon Science Colloquium: Exciton condensates in graphene bilayers | Sem I-III |