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|                    | <b>Friday, June 13</b>                                                                                                |                                                                                                                                      |
|                    | <b>Session XIII Dynamics of Nonequilibrium, Plenary<br/>(Room Apollon)</b>                                            |                                                                                                                                      |
| <b>08:30-09:00</b> | <b>Xiaoyang Zhu</b><br>Coherent ferrons: Ultrafast dynamics of strongly coupled lattice and spin dynamics             |                                                                                                                                      |
| <b>09:00-09:30</b> | <b>Andrey Kirilliyuk</b><br>Shaken, not stirred: Ultrafast magnetic switching via phononic resonances                 |                                                                                                                                      |
| <b>09:30-10:00</b> | <b>Shinichiro Iwa</b><br>Quasiparticle generation in superconducting cuprate captured by near infrared 6 fs pulse     |                                                                                                                                      |
| <b>10:00-10:30</b> | <b>Anna Delin</b><br>Spin dynamics and anisotropic spin Seebeck effect in low-dimensional materials                   |                                                                                                                                      |
| <b>10:00-10:30</b> | <b>Coffee Break</b>                                                                                                   |                                                                                                                                      |
|                    | <b>Session XIV Ultrafast Magnetisation Dynamics-3 (Room Apollon)</b><br><b>Chair: Anna Delin</b>                      | <b>Session XV Ultrafast Coherent Sources(3) in Applications-1 (Room Orpheus)</b><br><b>Chair: Majid Ebrahim-Zadeh</b>                |
| <b>10:30-11:00</b> | <b>Adrian Feiguin, Keynote</b><br>Hund excitons and singlet polarons in Two-dimensional van der Waals magnets         | <b>Francois Légaré, Keynote</b><br>Development and applications of IR and mid-IR ultrafast laser sources                             |
| <b>11:00-11:30</b> | <b>MengXing Na</b><br>Engineering orbitally-driven spin dynamics in van der Waals antiferromagnets                    | <b>Nicolas Gauthier</b><br>Ultrafast control of the superconducting condensate in cuprates superconductors via time-resolved ARPES   |
| <b>11:30-12:00</b> | <b>Frank Gao</b><br>Giant chiral magnetoelectric oscillations in a van der Waals multiferroic                         | <b>Jeffrey Moses, Keynote</b><br>Mid-infrared- and THz-resonant polarizabilities as a route to material control: science and sources |
| <b>12:00-14:00</b> | <b>Siesta</b>                                                                                                         |                                                                                                                                      |
|                    | <b>Seminar-2 Ultrafast coherent dynamics: overview of coherence in atomic and spin systems (Room Apollon)</b>         |                                                                                                                                      |
| <b>14:00-14:20</b> | <b>Steven Johnson, Seminar Chair</b><br>Ultrafast coherent dynamics: overview of coherence in atomic and spin systems |                                                                                                                                      |
| <b>14:20-15:05</b> | <b>Urs Staub</b><br>X-rays to study ultrafast lattice and magnetisation dynamics                                      |                                                                                                                                      |
| <b>15:05-15:50</b> | <b>Jure Demsar</b><br>Collective mode dynamics in pressure-tuned charge-density-wave systems                          |                                                                                                                                      |
| <b>15:50-16:20</b> | <b>Elsa Abreu</b><br>THz dynamics in quantum materials                                                                |                                                                                                                                      |
| <b>16:20-17:00</b> | <b>Coffee Break</b>                                                                                                   |                                                                                                                                      |

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|                    | <b>Seminar-3 Ultrafast electron microscopy and diffraction<br/>(Room Apollon)</b>    |
| <b>17:00-17:15</b> | <b>Claus Ropers</b> , Seminar Chair<br>Ultrafast electron microscopy and diffraction |
| <b>17:15-18:00</b> | <b>Till Domröse</b><br>Ultrafast transmission electron microscopy and diffraction    |
| <b>18:00-18:30</b> | <b>Felix Kurtz</b><br>Ultrafast low-energy electron diffraction                      |
| <b>18:30-19:00</b> | <b>Break</b>                                                                         |
| <b>19:00-19:30</b> | <b>Johannes Otto</b><br>Ultrafast low-energy electron microscopy                     |
| <b>19:30-20:00</b> | <b>Sergey Zayko</b><br>Ultrafast high harmonic microscopy (UHM) for magnetic imaging |