

# SCTE 2018, March 25 - 29, 2018

|                                                | Sunday       | Monday                                                               |                                                          | Tuesday                                                             |                                                      | Wednesday                                                   |                                                                           | Thursday                                                                              |                                                                 |       |       |  |  |
|------------------------------------------------|--------------|----------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------|-------|--|--|
|                                                |              | session A, HS 6                                                      | session B, HS 5                                          | session A, HS 6                                                     | session B, HS 5                                      | session A, HS 6                                             | session B, HS 5                                                           | session A, HS 6                                                                       | HS 5 Symposium<br>Finite temperature<br>simulation of magnetism |       |       |  |  |
| 8:50                                           |              | Opening                                                              |                                                          |                                                                     |                                                      |                                                             |                                                                           |                                                                                       |                                                                 | 8:50  |       |  |  |
|                                                |              | plenaries Moday; chair: Rogl, HS 1                                   |                                                          | plenaries Tuesday; chair: Abd Elmeguid, HS 1                        |                                                      | plenaries Wednesday; chair: Grin, HS 1                      |                                                                           | batteries & thermoelec-<br>tricity I; chair: Pecharsky                                | chair: Khmelevskiy                                              |       |       |  |  |
| 9:00                                           |              | Claudia Felser (MoP1)                                                |                                                          | Stuart Parkin: (TuP1)                                               |                                                      | Bob Cava (WeP1)                                             |                                                                           | Bobet (ThA1i)                                                                         | Staunton (ThS1i)                                                | 9:00  |       |  |  |
| 09:30                                          |              | Sven Lidin (MoP2)                                                    |                                                          | Vitalij Pecharski: (TuP2)                                           |                                                      | Andrei Shevelkov (WeP2)                                     |                                                                           | Grbovic (ThA2i)                                                                       | Shick (ThS2i)                                                   | 09:30 |       |  |  |
| 09:45                                          |              |                                                                      |                                                          |                                                                     |                                                      |                                                             |                                                                           |                                                                                       |                                                                 | 09:45 |       |  |  |
| 10:00                                          |              |                                                                      |                                                          |                                                                     |                                                      |                                                             |                                                                           | Skryabina (ThA3)<br>Shelyapina: ThA4)                                                 | Ebert (ThS3i)                                                   | 10:00 |       |  |  |
| 10:30                                          |              | coffee                                                               |                                                          |                                                                     |                                                      |                                                             |                                                                           |                                                                                       |                                                                 | 10:30 |       |  |  |
|                                                |              | exp. studies of physical<br>properties; chair: Bombardi              | topological materials and<br>skyrmions; chair: Shiroka   | superconductivity and<br>heavy fermion physics;<br>chair: Yoshimura | DFT & DMFT; chair: Held                              | magnetic states in d and f<br>electron systems; chair: Aoki | modelling of electronic<br>correlations I; chair: Staunton                | batteries & thermoelec-<br>tricity II; chair: Mori                                    | chair: Mohn                                                     |       |       |  |  |
| 11:00                                          |              | Kamenev (MoA1i)                                                      | deVisser (MoB1i)                                         | Kaczorowski (TuA1i)                                                 | Romaka (TuB1i)                                       | Yoshimura (WeA1i)                                           | Held (WeB1i)                                                              | Antipov (ThA5i)                                                                       | Belashchenko (ThS4i)                                            | 11:00 |       |  |  |
| 11:30                                          |              | Wilhelm (MoA2)<br>Mironova-Ulmane (MoA3)                             | Balakrishnan (MoB2i)                                     | Klimczuk (TuA2i)                                                    | Tobola (TuB2i)                                       | Bombardi (WeA2i)                                            | Szunyogh (WeB2i)                                                          | Buzanov (ThA6)<br>Rogl (ThA7)                                                         | Kudrnovsky (ThS5i)                                              | 11:30 |       |  |  |
| 12:00                                          |              | Furukawa (MoA4i)                                                     | Park (MoB3i)                                             | Kawamura (TuA3)<br>Gamza (TuA4)                                     | Khmelevskiy (TuB3)<br>Janson (TuB4)                  | Klicpera (WeA3i)                                            | Akbari (WeB3)<br>Pourovskii (WeB4)                                        | Vitta (ThA8)<br>Eguchi (ThA9)                                                         |                                                                 | 12:00 |       |  |  |
| 12:30                                          |              | Pospisil (MoA5i)                                                     | Qiu (Mo-B4i)                                             | Isobe (TuA5)<br>Svanidze (TuA6)                                     | Hariki (TuB5)<br>Chang (TuB6)                        | Nadeem (WeA4)<br>Cieslak (WeA5)                             |                                                                           | Pasturel (ThA10)                                                                      |                                                                 | 12:30 |       |  |  |
| 13:00                                          |              | lunch                                                                |                                                          |                                                                     |                                                      |                                                             |                                                                           | lunch                                                                                 |                                                                 | 13:00 |       |  |  |
| 13:30                                          |              |                                                                      |                                                          |                                                                     |                                                      |                                                             |                                                                           | lunch                                                                                 |                                                                 |       |       |  |  |
|                                                |              | chemistry & physics of d and<br>f-elemet systems; chair:<br>Fruchart | novel ground states; chair:<br>Kaczorowski               | exotic SC and novel<br>magnetism; chair: Degiorgi                   | novel d and f electron<br>systems I; chair: Klimczuk | magneto-structural studies;<br>chair: Dronskowski           | modelling of electronic<br>correlations II; chair: Ebert                  |                                                                                       |                                                                 |       |       |  |  |
| 14:00                                          |              | Gladyshevskii (MoA6i)                                                | Abd-Elmeguid (MoB5i)                                     | Aoki (TuA7i)                                                        | Grin (TuB7i)                                         | Fruchart (WeA6i)                                            | Spalek (WeB5i)                                                            | Daniel Khomshkii (ThP2)                                                               |                                                                 | 14:00 |       |  |  |
| 14:30                                          |              | Saccone (MoA7i)                                                      | Wisniewski (MoB6i)                                       | Ikedo (TuA8i)                                                       | Dronskowski (TuB8i)                                  | Kuznetsov (WeA7i)                                           | Kądziaława-Major (WeB6)<br>Zegrodnik (WeB7)                               |                                                                                       |                                                                 | 14:30 |       |  |  |
| 15:00                                          | Registration | Paul-Boncour (MoA8)<br>Kolincio (MoA9)                               | Dzsaber (MoB7)<br>Oliynyk (MoB8)                         | Kurbakov (TuA9)<br>Szytula (TuA10)                                  | Grebenyuk (TuB9)<br>Verchenko (TuB10)                | Bartolomé (WeA8)<br>Streltsov (WeA9)                        | Tomczak (WeB8)<br>Kubo (WeB9)                                             | Announcement SCTE 2020, Closing                                                       |                                                                 | 15:00 |       |  |  |
| 15:30                                          |              | coffee                                                               |                                                          |                                                                     |                                                      |                                                             |                                                                           |  |                                                                 | 15:30 |       |  |  |
|                                                |              | novel magnetic materials;<br>chair: Strydom                          | exp. methods in physics &<br>chemistry; chair: Shevelkov | novel superconductors;<br>chair: Balakrishnan                       | novel d and f electron<br>systems II; chair: Saccone | crystal chemistry and physics;<br>chair: Bobet              | theoretical and exp. aspects<br>of correlated systems; chair:<br>deVisser |                                                                                       |                                                                 |       |       |  |  |
| 16:00                                          |              | Sampathkumaran (MoA10i)                                              | Degiorgi (MoB9i)                                         | Shiroka (TuA11i)                                                    | Sekine (TuB11i)                                      | Mori (WeA10i)                                               | Chung (WeB10)<br>Pavlosiuk (WeB11)                                        |                                                                                       |                                                                 |       | 16:00 |  |  |
| 16:30                                          |              | Provino (MoA11i)                                                     | Constable (MoB10)<br>Szaller (MoB11)                     | Tence (TuA12i)                                                      | Tereshina (TuB12i)                                   | Strydom (WeA11i)                                            | Fidrysiak (WeB12)<br>Mankovsky (WeB13)                                    |                                                                                       |                                                                 |       | 16:30 |  |  |
| 17:00                                          |              | Andreev (MoA12)<br>Baran (MoA13)                                     | Yoshikawa (MoB12)<br>Yokota (MoB13)                      | Amon (TuA14)<br>Korshunov (TuA15)                                   | Ślebarski (TuB13)<br>Didelot (TuB14)                 | Levytskyi (WeA12i)                                          | Babic (WeB14)<br>Opletal (WeB15)                                          |                                                                                       |                                                                 |       | 17:00 |  |  |
| 17:30                                          |              | poster                                                               |                                                          |                                                                     |                                                      | conference dinner                                           |                                                                           |                                                                                       |                                                                 |       | 17:30 |  |  |
| 18:00                                          |              | Welcome<br>reception                                                 | poster, beer and wine                                    |                                                                     |                                                      |                                                             |                                                                           |                                                                                       |                                                                 |       | 18:00 |  |  |
| 19:00                                          |              |                                                                      |                                                          |                                                                     |                                                      |                                                             |                                                                           |                                                                                       |                                                                 |       | 19:00 |  |  |
| 20:00                                          |              |                                                                      |                                                          |                                                                     |                                                      |                                                             |                                                                           |                                                                                       |                                                                 |       | 20:00 |  |  |
| plenary: 45 min; invited: 30 min, oral: 15 min |              |                                                                      |                                                          |                                                                     |                                                      |                                                             |                                                                           |                                                                                       |                                                                 |       |       |  |  |