

| 29-Aug-18   |                                                                                             | 30-Aug-18   |                                                                  | 31-Aug-18   |                                                      | 01-Sep-18   |                                                                  | 02-Sep-18   |                                                                                                              |
|-------------|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------|-------------|------------------------------------------------------|-------------|------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------|
| 8:30-10:00  | Registration                                                                                | 9:00-10:00  | Powder Diffraction for Solving Crystal Structures (Elena Kabova) | 9:00-11:00  | Rietveld Refinement (Juan Rodriguez-Carvajal)        | 9:00-11:00  | Modeling Interstratified and Defective Structures (Bruno Lanson) | 9:00-9:40   | Powder Diffraction in Industry (Giuseppe Cruciani)                                                           |
|             |                                                                                             |             |                                                                  |             |                                                      |             |                                                                  | 9:40-10:20  | Powder Diffraction and Patents (Paolo Mazzeo)                                                                |
|             |                                                                                             |             |                                                                  |             |                                                      |             |                                                                  | 10:20-10:50 | Powder Diffraction for Difficult Organic Materials (Dubravka Šišak Jung)                                     |
| 10:00-10:30 | Opening Ceremony                                                                            | 10:00-11:00 | Indexing and Space Group Determination (Anna Moliterni)          |             |                                                      |             |                                                                  |             |                                                                                                              |
| 10:30-11:30 | Opening Lecture<br>Powder Diffraction: State of the Art and Perspectives (Gilberto Artioli) | 11:00-11:30 | Coffee Break                                                     | 11:00-11:30 | Coffee Break                                         | 11:00-11:30 | Coffee Break                                                     | 10:50-11:20 | Coffee Break                                                                                                 |
| 11:30-12:30 | Fundamental Aspects of Powder Diffraction I (Ernesto Mesto)                                 | 11:30-12:30 | Structure Solution in Reciprocal Space (Rosanna Rizzi)           | 11:30-13:30 | Quantitative Analysis (Giuseppe Cruciani)            | 11:30-13:30 | Line Profile Analysis (Matteo Leoni)                             | 11:20-12:20 | Non-Ambient Powder Diffraction (Željko Skoko)                                                                |
| 12:30-13:30 | Fundamental Aspects of Powder Diffraction II (Gennaro Ventrucci)                            | 12:30-13:30 | Structure Solution in Direct Space (Radovan Černý)               |             |                                                      |             |                                                                  | 12:20-13:20 | Powder Diffraction for Materials Science (Jasminka Popović)                                                  |
| 13:30-15:00 | Lunch                                                                                       | 13:30-14:30 | Lunch                                                            | 13:30-15:00 | Lunch                                                | 13:30-15:00 | Lunch                                                            | 13:20-14:00 | IUCr Young Scientists Awards<br>ICDD Awards<br>Malvern PANalytical Award<br>Bruker Award<br>Closing Ceremony |
| 15:00-16:00 | Modern Powder Diffraction Instruments (Andy Fitch)                                          | 14:30-16:00 | Tutorial Session: EXPO (Corrado Cuocci)                          | 15:00-16:30 | Tutorial Session: FULLPROF (Juan Rodriguez-Carvajal) | 15:00-17:00 | Tutorial Session: DEFECTS MATTER (Bruno Lanson)                  | 14:00-15:30 | Lunch                                                                                                        |
| 16:00-17:30 | Qualitative Analysis. The PDF-4+ Database (Matteo Leoni)                                    | 16:00-17:30 | Tutorial Session: FOX (Radovan Černý)                            | 16:30-17:00 | Tutorial Session: OCHEMDB (Nicola Corriero)          |             |                                                                  | 17:00-17:30 | Coffee break                                                                                                 |
| 17:30-18:00 | Coffee break                                                                                | 17:30-18:00 | Coffee break                                                     |             |                                                      |             |                                                                  |             |                                                                                                              |
| 18:00-19:00 | Tutorial Session: QUALX2 (Aurelia Falcicchio)                                               | 18:00-19:30 | Tutorial Session: DASH (Elena Kabova)                            | 17:30-19:00 | Tutorial Session: GSAS (Giuseppe Cruciani)           | 17:30-19:30 | Tutorial Session: PM2K (Matteo Leoni)                            |             |                                                                                                              |
| 19:30       | Welcome Party                                                                               |             |                                                                  |             |                                                      |             |                                                                  | 20:00       | Social Dinner                                                                                                |