



In 2018, from June 25 to June 28, the third joint conference of the Italian Crystallographic Association (AIC) and of the Italian Synchrotron Radiation Society (SILS) will be held in Rome. The program selected by the Scientific Committee will encourage the participation and contacts between members of the two associations involved, enabling the exchange of ideas in scientific fields all of which concern the study of the properties of condensed matter, such as crystal growth, nanoscience, methods and techniques for the determination of atomic, electronic and vibrational structure, molecular recognition, polymer and materials science, molecular medicine and structural biology.

Crystallography and Synchrotron radiation constitute the most powerful tool for the analysis of biological macromolecules, materials and advanced imaging, thus we are confident that Rome will be the venue in which scientists from different fields will innovate and find stimuli for growth and collaboration.

We foresee the participation of scientists from Italian Universities and Research Institutes to create a vibrant and interdisciplinary event, international participants and speakers will be welcome witnessing the global profile and collaborations of both Societies. The participation of young scientists will be supported by grants covering fees and accommodation. Prizes will be awarded to outstanding young and mature scientists.

Among Keynote lectures we wish to highlight the contribution of Prof. Daniela Rhodes (Nanyang Technological University Institute of Structural Biology, Singapore) "The Resolution Revolution in Cryo-Electron Microscopy" who will talk on new perspectives in structural biology and last findings in telomerase structure.

Opening Day

Welcome Ceremony
 Opening Lecture from a Distinguished International Speaker
 Awarding of the AIC and SILS Prizes
 Round Table on Large Scale Research Facilities

- Crystallography and Drug Design
- Biocrystallography in Medical and Pharmaceutical Research
- Contemporary challenges in Structural Biology: Cryo-EM and Integrative Approaches to understand complex molecular architectures
- Inorganic/organic functional materials
- Culture heritage
- Methods in data analysis
- Mineralogy
- *In situ* and *in operando* studies
- Polycrystalline nano/materials
- Spectroscopy and scattering with synchrotron radiation and FELs
- Crystal growth

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