



NUCLEIC ACID CHEMISTRY AND SYNTHETIC BIOLOGY

28 July – 2 August 2019

application deadline: 15 May 2019

focus and topics

- modified nucleosides and nucleic acids
- functional nucleic acids: aptamers and ribozymes
- RNA labeling and imaging
- DNA/RNA bioconjugation
- Nucleic acid structural biology
- Supramolecular nucleic acid architectures
- Small molecules targeting nucleic acid structures
- Chemical biology of RNA modifications
- Genome engineering (CRISPR/Cas)
- Therapeutic nucleic acids

scientific and social program

- lectures and workshops
- poster session

- guided city tour
- franconian wine tasting (optional)
- The summer school is free of charge (accommodation is not included)

speakers

- Chase Beisel, Würzburg
- Michal Hocek, Prag
- Claudia Höbartner, Würzburg
- Caroline Kisker, Würzburg
- Christoph Kreutz, Innsbruck
- Günter Mayer, Bonn
- Ronald Micura, Innsbruck
- P. I. Pradeepkumar, Bombay
- Jürgen Seibel, Würzburg
- Redmond Smyth, Würzburg
- S. G. Srivatsan, Pune
- Hans-Achim Wagenknecht, Karlsruhe

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