

Programme

(all sessions will take place at:
Saarland University
Campus E2 5 - Lecture theatre 1)

Thursday, 19/09/19

12:30	Opening
12:40 – 14:10	Session 1 Session Chair: Alexander Heckel
12:40 – 13:10	L1 Andreas Marx Artificial DNA Polymerase Systems
13:10 – 13:40	L2 Günter Mayer Optoribogenetics to control cellular processes
13:40 -14:10	L3 Daniel Summerer Designer DNA Receptors for Programmable Targeting of the Expanding Epigenetic Code
14:10 – 14:40	Coffee Break
14:40 – 15:40	Session 2 Session Chair: Claudia Höbartner
14:40 – 15:10	L4 Ronald Micura Elucidation of ribozyme folding and mechanism
15:10 – 15:40	L5 Sabine Müller Split ribozymes, RNA charge transport and beyond
15:40 – 16:10	Coffee Break

16:10 – 17:50

Session 3

Session Chair: Michael Göbel

16:10 – 16:20

DNG Award ceremony

16:20 – 16:50

L6

Thorsten Stafforst

Harnessing ADAR and Chemistry for Site-directed RNA Editing

16:50 – 17:50

Poster Talks (4 minutes each)

17:50 – 20:00

Poster Session

with Saarland barbecue

20:00

**Mitgliederversammlung (General Meeting)
DNG**

Friday, 20/09/19

9:00 – 10:30

Session 4

Session Chair: Andrea Rentmeister

9:00 – 9:30

L7

Claus Seidel

Super-resolution FRET microscopy and integrative modeling map the structure and dynamics of complex nucleic acids: RNA junctions and chromatin fibers

9:30 – 10:00

L8

Elmar Weinhold

DNA Methyltransferase-directed Fluorescence Barcoding and Optical DNA Mapping by Single-Molecule Fluorescence Microscopy

10:00 – 10:30

L9

Byron Purse

Fluorescent Nucleoside Analogues with New Properties for Biophysics

10:30 – 11:00

Coffee Break

11:00 – 12:30

Session 5

Session Chair: Christian Ducho

11:00 – 11:30

L10

Henning J. Jessen

New Reagents for Nucleoside Polyphosphorylations

11:30 – 12:00

L11

Stephanie Kath-Schorr

RNA functionalization via an expanded genetic alphabet

12:00 – 12:30

L12

Mark Helm

Predict and validate: detection of RNA modifications

12:30

Closing Remarks