

Programm der Sitzung

15.-17. Okt. 2025

**7th Functional DNA Nanotechnology
Workshop**

Invited Lecture

Rome
Palazzetto Mattei

Mi., 15. Oktober

12:10

Invited Lecture: Damien Baigl

Sitzung | **Ort:** Rome, Palazzetto Mattei

12:10–12:40 Uhr

DNA-encoded soft matter with life-like properties: from origami ultrafast assembly with living cells to genetically encoded liquid transport

Sprecher

Damien Baigl

12:40

14:25

Invited Lecture: Alessandro Porchetta

Sitzung | **Ort:** Rome, Palazzetto Mattei

14:25–14:55 Uhr

Input-responsive CRISPR Systems Controlled by DNA Molecular Transducers for Sensing Applications

Sprecher

Alessandro Porchetta

14:55

Do., 16. Oktober

09:00

Invited Lecture: Rebecca Schulman

Sitzung | **Ort:** Rome, Palazzetto Mattei

09:00–09:30 Uhr

Modular sensing and programmable signal transduction with DNA nanotechnology

Sprecher

Rebecca Schulman

09:30

11:40

Invited Lecture: 4

Sitzung | **Ort:** Rome, Palazzetto Mattei

11:40–12:10 Uhr

DNA-based active plasmonics

Sprecher

Anton Kuzyk

12:10

14:10

Invited Lecture: Carl Goodrich

Sitzung | **Ort:** Rome, Palazzetto Mattei

14:10–14:40 Uhr

Programming stochastic self-assembly: what can be designed and how do we do it?

Sprecher

Carl Goodrich

14:40

Fr., 17. Oktober

09:00

Invited Lecture: Lulu Qian

Sitzung | **Ort:** Rome, Palazzetto Mattei

09:30

09:00–09:30 Uhr

Heat to power up molecular systems

Sprecher

Lulu Qian