



SAPIENZA
UNIVERSITÀ DI ROMA

25th European Nitrogen Cycle Meeting

28th-30th September 2022, Rome

enc2022.azuleon.org



@CycleMeeting

**Day 1 Venue: Nobile Collegio Chimico Farmaceutico [Via in Miranda 10](#)
- Roma**

28th Sept 2022

15:30-16:30 Welcome address and Congress Opening

15:45 Opening Lecture

DAVID J. RICHARDSON *UEA, Norwich (UK)*

Bridging past, present and future of the European research on the Nitrogen Cycle

16:30 – 18:20 S1: Impact of anthropogenic activities on N-cycle

16:30 Talks and flash poster presentation

17:35 Keynote lecture

DAVID FOWLER *UK-CEH, Edinburgh (UK)*

Human activity and the nitrogen cycle

18:20 Wine reception (venue rooftop)

**Day 2-3 Venue: Aula Gerin - Medicina Legale (building CU023),
Sapienza University [Via C. De Lollis 23 - Roma](#)**

29th Sept 2022

9:00-11:00 S2: Denitrification

9:00 Keynote lecture

GARY ROWLEY *UEA, Norwich (UK)*

Uncovering the regulatory sRNA controlling bacterial denitrification and N₂O production

9:45 Selected and invited Talks

10:45-11:15 Coffee break – Poster session

11:15-12:45 S3: N₂O emission

11:20 Keynote lecture

ÅSA FROSTEGÅRD *NMBU, Ås (NO)*

Bacterial control of N₂O emissions – new mechanisms, organisms and potential applications

12:55 -14:15 Lunch – Poster session

14:15-15:05 S4: N₂O reduction and respiration

14:15 Selected and invited Talks

**15:05-15:20 A novel European Infrastructure Network on Molecular
Biophysics (MOSBRI)**

FRANCESCA CUTRUZZOLÀ *Sapienza, Rome (I)*

15:10 – 15:40 Coffee break – Poster session

15:40-16:30 S5: NH₄⁺: from cell to soil

15:40 Selected and invited Talks

**18:00 Baroque Rome walking tour and Social dinner at “Al Pompiere”
(20:00)**

30th Sept 2022

9:00 – 10:25 S6: Biosignaling and communication

9:00 Keynote lecture

DAVID LILLEY *University of Dundee (UK)*

The recognition of small metabolite molecules by RNA in genetic control by the riboswitches

9:45 Selected and invited Talks

**10:25 – 11:05 S7: Linking Nitrogen to Carbon and Sulphur
metabolism**

11:05 – 11:35 Coffee break – Poster session

**11:35-12:45 S8: Bacterial respiration and N₂ metabolism: variations
on the theme**

11:15 Selected and invited Talks

12:45-14:10 Lunch – Poster session

14:10-15:20 S9: Impact of N-cycle on biotechnology

14:10 Selected and invited Talks

15:20 – 15:50 Coffee break – Poster session

15:50-16:50 S10: Closing session

15:50 Keynote lecture

NIKHIL MALVANKAR *Yale University (USA)*

Observation of single Geobacter cells transferring electrons via cytochrome nanowires secreted by pili

16:35 Concluding remarks

Co-organization and funding



Federation of European
Microbiological Societies



Official Recognition



ISTITUTO PASTEUR ITALIA
FONDAZIONE CENCI BOLOGNETTI

