



UNIVERSITÀ
DEGLI STUDI
DI TRIESTE



PROTOMAT



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Società
Chimica
Italiana

**BOTTOM-UP DESIGN AND SYNTHETIC CONSTRUCTION OF LIFE-LIKE TECHNOLOGIES
- SYMPOSIUM SERIES -**

3RD SYMPOSIUM

“ADVANCING LIFE-LIKE SYSTEMS THROUGH ORGANIC CHEMISTRY”

14TH JUNE 2024, 9:30 - 19:00

Aula Magna, Department of Chemical and Pharmaceutical Sciences, University of Trieste

You can follow the symposium also online on MTeams at: <https://t.ly/3cG11>

SYMPOSIUM SCHEDULE ^{*,**}		
		OPENING
9:30	9:40	Prof. Pierangelo Gobbo (Organizer) Prof. Gianluca Maria Farinola (President of the Italian Chemical Society)
9:40	10:00	EU project PROTOMAT introduction by Prof. Pierangelo Gobbo EU project PLANKT-ON introduction by Prof. Marcella Bonchio (Department of Chemical Sciences, University of Padua) and Prof. Pierangelo Gobbo
10:00	10:45	Prof. Stephen Mann, FRS (School of Chemistry, University of Bristol UK) <i>“Engineering Life-like Materials via Protocell Design and Dynamics”</i>
10:45	11:00	Coffee break
11:00	11:45	Prof. Leonard Prins (Department of Chemical Sciences, University of Padua ITA) <i>“Towards active matter: Non-equilibrium chemistry exploiting chemical energy”</i>
11:45	12:30	Prof. Nathalie Katsonis (Stratingh Institute for Chemistry, University of Groningen) <i>“Droplets as forerunners of primitive cells in the first ocean”</i>
12:30	14:30	Lunch break
14:30	15:15	Prof. Gianluca Maria Farinola (Department of Chemistry, University of Bari) <i>“Living materials from functional molecules and photosynthetic microorganisms”</i>
15:15	16:00	Prof. Irep Gözen (Centre for Molecular Medicine Norway, University of Oslo) <i>“Synthetic life in 2D: self-organization in Flat Land”</i>
16:00	16:15	Coffee break
16:15	16:45	Dr. Agostino Galanti (Gobbo Group, DSCF, University of Trieste) <i>“Engineering forms of signal transduction in protocellular materials”</i>
16:45	17:15	Dr. Aina Rebasa-Vallverdu (Gobbo Group, DSCF, University of Trieste) <i>“Taking steps towards sustainable energy using bio-inspired plankton-like protocells”</i>
17:15	17:30	CONCLUSIONS and group photo
17:30	19:00	Aperitif at Sala del Consiglio

*All seminars are in English and conclude with a Q&A session. Lecturers are asked to follow the time schedule rigorously by preparing a presentation of appropriate length.

** Programme can undergo minor changes.