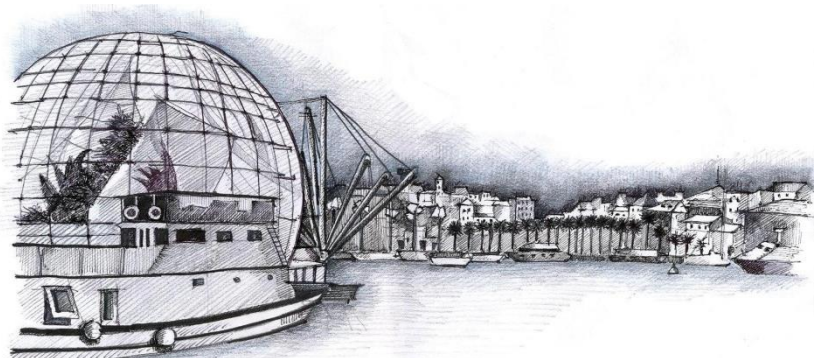


Physical Chemistry Symposia

Philosophy and Chemistry in Dialogue



Friday

March 27th, 2026

10⁰⁰ - 16⁴⁵ CET

University of Genoa (IT)

Dept. of Chemistry and Industrial Chemistry
Via Dodecaneso 31, Genoa, Italy

Chemistry cannot be fully reduced to a single theoretical framework or methodological paradigm. Its wealth of knowledge indeed develops at the intersection of experiments, modelling and classification practices, and is deeply shaped by material constraints, historical contingencies and context-dependent forms of reasoning. In this perspective, the event aims to reinforce the dialogue between chemistry and epistemological studies, encouraging the integration of conceptual analysis with experimental practice, as well as the development of shared conceptual and methodological frameworks.

SCIENTIFIC COMMITTEE

D. PEDDIS (Chair) Uni. Genova; CNR-ISM

M. C. AMORETTI Uni. Genova

A. BASSO Uni. Genova

C. IANNI Uni. Genova

S. LAURETI CNR-ISM

N. PARODI Uni. Genova

M. VENANZI Uni. Roma "Tor Vergata"

G. VILLANI CNR-ICCOM

ORGANIZING COMMITTEE

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A. MANGOLINI Uni. Genova; CNR-ISM

D. PEDDIS (Chair) Uni. Genova; CNR-ISM

S. SLIMANI Uni. Genova; CNR-ISM

KEYNOTE SPEAKERS

B. BENSAUDE-VINCENT

Université Paris 1 Panthéon-Sorbonne

Why a dialogue between chemists and philosophers?

A. CREDI

Università di Bologna

Molecular motors: Sci-Fi or reality?

INVITED SPEAKERS

P. L. GENTILI Uni. Perugia

P. LO NOSTRO Uni. Firenze

C. MARRAS CNR-ILIESI

G. VILLANI CNR-ICCOM

Event Program

10 ⁰⁰ – 11 ⁰⁰	Welcome Coffee & Registration
11 ⁰⁰ – 11 ¹⁵	Opening Remarks
11 ¹⁵ – 12 ¹⁵	<i>Why a dialogue between chemists and philosophers?</i> Bernadette Bensaude-Vincent <i>Université Paris 1 Panthéon-Sorbonne</i>
12 ¹⁵ – 13 ¹⁵	<i>Molecular motors: Sci-Fi or reality?</i> Alberto Credi <i>Università di Bologna</i>
13 ¹⁵ – 14 ³⁰	Lunch
14 ³⁰ – 15 ⁰⁰	<i>Philosophy and Physical Chemistry in dialogue: Languages and Models</i> Cristina Marras <i>CNR-ILIESI</i>
15 ⁰⁰ – 15 ³⁰	<i>The expected third revolutionary cultural event in humanity's journey to uncover the secrets of nature</i> Pier Luigi Gentili <i>Università di Perugia</i>
15 ³⁰ – 16 ⁰⁰	<i>Why we need the history and philosophy of chemistry in our work</i> Pierandrea Lo Nostro <i>Università di Firenze</i>
16 ⁰⁰ – 16 ³⁰	<i>The historical/epistemological approach in education, but not only</i> Giovanni Villani <i>CNR-ICCOM; Coordinator of the Thematic Group "Epistemology and History of Chemistry" of the Italian Chemical Society</i>
16 ³⁰ – 16 ⁴⁵	Closing Remarks