

## Special Issue

# Ionic Liquids for Carbon Dioxide Capture

### Message from the Guest Editors

This Special Issue invites researchers and industrial developers to publish work related to the adsorption, capture and separation of CO<sub>2</sub>, including direct air capture (DAC). Emphasis will be on industrial CO<sub>2</sub> sources and real-life systems. Submissions are welcome on topics including, but not limited to, the following: 1 Development of new task-specific ionic liquids; 2 Application of ionic liquids in industrial/pilot plants; 3 Supported ionic liquids/polymeric ionic liquids as absorbent materials; 4 Supported ionic liquid membranes; 5 New theoretical models of industrial plants using ionic liquids.

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### Guest Editors

Dr. Boyan Iliev

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### Deadline for manuscript submissions

closed (30 November 2023)



## Liquids

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## About the Journal

### Message from the Editor-in-Chief

*Liquids* represent a rich and interdisciplinary field of research that encompasses the theory of liquid state in physics, a large part of synthetic and analytical chemistry, an overwhelming fraction of biology, fluid dynamics in engineering and meteorology. Since the second half of the past century, the discovery of new spectroscopies and the advent of computational simulations have allowed an unprecedented number of researchers to undertake the study of liquid systems and to provide an uncountable number of societally impacting discoveries. With this journal, we intend to provide a place for a rapid publication of your research, a rigorous peer-review process and we look forward to receiving your submissions.

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### Editor-in-Chief

Prof. Dr. Enrico Bodo

Chemistry Department, University of Rome "La Sapienza", Piazzale Aldo Moro 5, 00185 Rome, Italy

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