Giulio Ragazzon

Position: Junior Group Leader at the Institute of Supramolecular Science and Engineering (ISIS), University of Strasbourg & CNRS, Strasbourg (France)
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ORCID: orcid.org/0000-0002-7183-2985
Education: 2011 BSc with Enzo Alessio and Peter Sadler, University of Trieste (Italy)
2013 MSc in Photochemistry and Molecular Materials with Alberto Credi, University of Bologna (Italy)
2014–2016 PhD in Chemistry with Alberto Credi, University of Bologna (Italy)
2017–2018 Postdoc with Leonard Prins, University of Padova (Italy)
2018–2021 Junior Assistant Professor with Maurizio Prato, University of Trieste (Italy)
Research: Non-equilibrium systems, systems chemistry, physical organic chemistry, electrochemistry, supramolecular chemistry, photochemistry
Hobbies: Biking, and since moving to France, slowly learning French

I am waiting for the day when someone will discover the chemical essence of thoughts.

The greatest scientific advance of the last decade was CRISPR, but AlphaFold is also great.

I chose chemistry as a career because I had the perfect high-school chemistry teacher for me, Nadia Cavallarin.

The most important factor in the choice of my current research topic was a failed experiment, which required finding an alternative solution by moving away from equilibrium.

A key experience in my career was spending a semester in the lab of Prof. Aida (The University of Tokyo) as a PhD student.

In five years, I hope to be surrounded by brilliant group members, colleagues, and collaborators as I am now.

My group has fun by eating spicy ethnic food with neighbor Bonfio lab members.

I recharge my batteries by immersing myself in nature, as I grew up close to mountains.

Guaranteed to make me laugh is my friend Matteo, who has an unparallel lateral thinking ability.

My favorite time of day is the morning, after the first sip of coffee.

The most important quality of a role model is moral integrity.

The natural talent I would like to be gifted with is emotional intelligence.

My favorite piece of research is "A molecular information ratchet" by Serreli, Lee, Kay, and Leigh (*Nature* **2007**, *445*, 523–527).

My favorite way to spend a holiday is with my closest friends, facing up to serendipitous events, possibly in some remote place.

When I want to treat myself to something, I look for a somehow unconventional object to get: the first of this series was a Hoberman sphere.

Behind the Science

How can we transfer energy from one source to another? A fundamental question for society and one of the frontiers of systems chemistry. To prove that a self-assembling system was absorbing electrical energy, we needed to demonstrate that something was happening while concentrations remained unchanged: not easy! It was key to join forces with teams having different expertise, designing experiments carefully, and corroborating results with simulations. This blend reflects Systems Chemistry as an area of science where people with different backgrounds merge: I find this assortment refreshing, and I hope this community will always welcome unexpected contributions.

*The author presented on this page has published his **first article** as a submitting corresponding author in Angewandte Chemie:*

"Autonomous Non-Equilibrium Self-Assembly and Molecular Movements Powered by Electrical Energy": G. Ragazzon, M. Malferrari, A. Arduini, A. Secchi, S. Rapino, S. Silvi, A. Credi, *Angew. Chem. Int. Ed.* **2023**, e202214265; *Angew. Chem.* **2023**, e202214265.

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Find out more about Giulio Ragazzon in his Introducing ... Profile.