

<https://www.h2020charisma.eu/ramanschool2022>



Press release, July 2022

CHARISMA organises the Raman School 2022 on 18-19 October 2022 in Turin, Italy

[The H2020 CHARISMA Project](#) invites you to the [Raman School 2022](#) which will take place on 18-19 October 2022 in Turin, Italy. As the preceding satellite event of this year's [VAMAS](#) (The Versailles Project on Advanced Materials and Standards) Steering Committee Meeting, CHARISMA Raman School 2022 aims to attract Raman scholars and manufacturers from all over the world to get together and exchange information and ideas about the current state of Raman-related research. CHARISMA Raman School 2022 will be hosted by [INRiM](#) (Istituto Nazionale di Ricerca Metrologica) in its facilities.

CHARISMA Project, being the main organiser of the Raman School 2022, would like to highlight the contributing projects, too. [CSIC-iLink](#), [MicroplastiX](#) and [PlasticHeal-CUSP](#) have joined CHARISMA Raman School 2022 as contributing projects so far.

[The school programme](#) covers a wide range of lectures to be given by the most prominent experts in Raman-related research. Broadly, the school topics include discussions on the fundamentals of Raman spectroscopy and best practices, Raman techniques, data processing and analysis, Raman harmonisation and standards, in vivo, in situ and operando Raman characterisation, applications of Raman spectroscopy such as microplastics and market opportunities, and Raman data repositories and FAIR data.

The contemporary significance of the topics to be covered during these two days attracts many researchers worldwide. Early-stage researchers, post-docs and senior researchers will have the chance to meet and exchange ideas around Raman spectroscopy and related technologies. Furthermore, CHARISMA Raman School 2022 cordially invites the practitioners and manufacturers from the industry. On the first day of the school, a demonstration session reserved for the Raman manufacturers will take place. This session will enable the Raman manufacturers to showcase their devices to the school attendants as well as the VAMAS and INRiM community. Representatives from standardisation and regulatory bodies will also greatly benefit from attending CHARISMA Raman School 2022. A poster session will be held as part of the school as well. The submissions for the poster session will be open really soon.

CHARISMA Raman School 2022 is free of charge for the students and postdocs. The registrations are now open. You can conveniently fill out our registration form [here](#) and book your spot in our school.

Besides, every participant will receive a certificate of attendance upon their participation in the school. For your convenience, travel information and accommodation options are readily available on the school website, too.

Please visit CHARISMA Raman School 2022 website for more information and updates by clicking [here](#). Take the opportunity to join us at our training school to get involved in the Raman community and enhance your knowledge in the field!

If you have any questions do not hesitate to contact us.

Contact for Raman School 2022

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About the Project

The H2020 CHARISMA project aims to harmonise and standardise characterisation by Raman spectroscopy, including hardware, measurement protocols, and in silico methods, enabling end users to share digital spectral data across domains and across the entire life cycle of diverse products. The project will demonstrate the feasibility of its concept in three industry cases. In the long term, it aims to make Raman spectroscopy a widespread technology used within the Industry Commons concept.

Project Facts

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952921.

Duration 48 months, starting in November 2020

Total Budget approx 5M €

Project Partners

- Consejo Superior de Investigaciones Científicas (CSIC), Spain
- Haldor Topsøe, Denmark
- Encapsulae S.L., Spain
- Fábrica nacional de Moneda y Timbre - Real casa de la Moneda, Spain
- National Technical University of Athens, Greece
- Università Degli Studi di Milano, Italy
- Sorbonne Université, France
- Vrije Universiteit Brussel, Belgium
- Fraunhofer Institute for Structural Durability and System Reliability (LBF), Germany
- ELoDiz Ltd., UK
- Ideaconsult Ltd., Bulgaria
- Asociación Española de Normalización (UNE), Spain
- Yordas GmbH, Germany
- European Research Services GmbH, Germany