

# HERCULES

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## European School

Dear colleagues,

It is our great pleasure to announce the launching of our new Hercules website, together with the opening of the application to Hercules 2022.

The HERCULES 2022 session will take place on site (if the sanitary conditions allow it), from 28th February to 1st April 2022.

--> <https://hercules-school.eu>

Please find below and in the attached pdf the announcement of the Hercules 2022 session.

Thanks to spread the word in your laboratory and network.

With our best regards

Marc de Boissieu, Béatrice Grenier, and Giorgio Schiro

## HERCULES 2022 - European School

*Neutron & Synchrotron Radiation Science since 1991*

**2022 session: 28th February - 1st April, 2022**

**DEADLINE FOR APPLICATION: 17th October, 2021**

HERCULES is a European course for PhD students and young researchers using **Neutrons and Synchrotron Radiation** for applications in **Biology, Chemistry, Physics, Hard & Soft Condensed Matter**.

The 5-week school includes **lectures** (60%), **hands-on practicals, labs & tutorials** (30%), visits, a poster session, group work sessions, ...

*Participants will spend one week in a partner institution in Europe among:*

- **DESY and European XFEL** in Hamburg, Germany
- **KIT Light Source** in Karlsruhe, Germany
- **PSI** in Villigen, Switzerland
- **Soleil** in Paris-Saclay, France

This comes in addition to tutorials, labs, and practicals which will take place in Grenoble at **ILL, ESRF** and Grenoble Laboratories (**CEA, CNRS, EMBL, IBS**).

The school includes a common part and two parallel sessions:

- ***Physics and chemistry of condensed matter (session A)***
- ***Biomolecular and soft condensed matter (session B)***

#### ***Why join Hercules?***

- to **learn new techniques using neutron and synchrotron radiation**
- to expand your **theoretical** and **practical** knowledge, *not only for your present research but for your scientific career*
- to **experiment these techniques** on world-class instruments & beamlines
- to build a network of relations with fellow young researchers and experienced teachers from all over the World

#### ***Bursaries/reduced costs***

- A limited number of bursaries will be available to reduce registration fees
- Hercules website: <https://hercules-school.eu>
- Full list of lectures: <https://hercules-school.eu/general-programme> (with links to the dedicated pages)
- [Download the full 2020 Booklet \(lectures, practicals..\)](#)