

## Calendar of short courses and workshops

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**31 March–5 April 2019**

**Application of Neutrons and Synchrotron Radiation in Materials Science with Special Focus on Fundamental Aspects of Materials (MATRAC 2 School 2019)** Herrsching/Ammersee and FRM II in Garching/Munich, Germany [Info: <https://www.hzg.de/ms/summerschool/058653/index.php.en>]

**6–14 April 2019**

**17th BCA/CCG Intensive Teaching School in X-Ray Structure Analysis** Trevelyan College, Durham, UK [Info: <https://community.dur.ac.uk/durham.x-ray-school/general.htm>]

**29 April–3 May 2019**

**X-ray Fluorescence Clinic** ICDD Headquarters, Newtown Square, Pennsylvania, USA [Info: <http://www.icdd.com/index.php/icdd-xrf/>]

**5–10 May 2019**

**13th Central European Training School on Neutron Technique (CETS2019)** Budapest, Hungary [Info: <https://www.kfki.hu/cets/>]

**5–10 May 2019**

**RapiData 2019 at SSRL-Data Collection and Structure Solving: A Practical Course in Macromolecular X-ray Diffraction Measurement** Menlo Park, California, USA [Info: <http://smb.slac.stanford.edu/news/rapidata/rapidata-2019/>]

**9–12 May 2019**

**2nd Spring Pharmaceutical Synchrotron X-ray Powder Diffraction Workshop** Paul Scherrer Institute, Switzerland [Info: <http://www.icdd.com/index.php/ppxrd/>]

**27–31 May 2019**

**To.sca.lake 3.0: Total Scattering for Nanotechnology on the Como Lake** Villa del Grumello in Como, Italy [Info: <http://tsnl2019.lakecomoschool.org/>]

**31 May–9 June 2019**

**Magnetic Crystallography-53rd Course of International School of Crystallography** Erice, Italy [Info: <http://crystalalice.org/2019/>]

**31 May–9 June 2019**

**Cryo 3D Electron Microscopy-54th Course of International School of Crystallography** Erice, Italy [Info: <http://crystalalice.org/2019/>]

**3–7 June 2019**

**Summer School on Mathematical Crystallography** Nancy, France [Info: <http://www.crystallography.fr/mathcryst/nancy2019.php>]

**3–7 June 2019**

**Fundamentals of X-ray Powder Diffraction Clinic** ICDD Headquarters, Newtown Square, Pennsylvania, USA [Info: <http://www.icdd.com/index.php/xrd/>]

**10–14 June 2019**

**Advanced Methods in X-ray Powder Diffraction Clinic** ICDD Headquarters, Newtown Square, Pennsylvania, USA [Info: <http://www.icdd.com/index.php/xrd/>]

**16–27 June 2019**

**Zürich School of Crystallography 2019** University of Zürich, Switzerland [Info: <http://www.chem.uzh.ch/linden/zsc/>]

**17–24 June 2019**

**12th annual CCP4/APS School in Macromolecular Crystallography: From Data Collection to Structure Refinement and Beyond** Argonne, Illinois, USA [Info: <https://www.ccp4.ac.uk/schools/APS-2019/application.php>]

**22–23 June 2019**

**Gordon Research Seminar on Crystal Growth and Assembly-New Paradigms in the Mechanistic Understanding of Ordered Materials Assembly** University of New England, Biddeford, Maine, USA [Info: <https://www.grc.org/crystal-growth-and-assembly-grs-conference/2019/>]

**23–28 June 2019**

**ANSTO-HZB Neutron School** Lucas heights, Australia [Info: <https://www.ansto.gov.au/whats-on/ansto-hzb-neutron-school>]

**1–7 July 2019**

**Shanghai International School on Crystallographic Groups and Representations, and their Application in Magnetic-Structure Descriptions and Topological-Insulator Studies** Shanghai University, Shanghai, China [Info: <http://www.crystallography.fr/mathcryst/shanghai2019.php>]

**21–26 July 2019**

**17th International Summer School on Crystal Growth (ISSCG-17)** Granby, Colorado, USA [Info: <https://www.iccge19.org/>]

**27–28 July 2019**  
**Gordon Research Seminar on X-ray Science** Stonehill  
College, Easton, Massachusetts, USA [Info: <https://www.grc.org/x-ray-science-grs-conference/2019/>]

**23–27 September 2019**  
**Rietveld Refinement & Indexing Clinic** ICDD

Headquarters, Newtown Square, Pennsylvania, USA [Info:  
<http://www.icdd.com/index.php/rietveld/>]

**21–25 October 2019**  
**Physics of Fundamental Symmetries and Interactions (PSI 2019)** Paul Scherrer Institute Villigen, Switzerland [Info:  
<https://indico.psi.ch/event/6857/>]

\*\*\*\*\* (All information above as of **7 January 2019**) \*\*\*\*\*