

QENS/WINS 2022 **15th Edition of the QENS series and 10th of the WINS workshops**

Organizers & Editors:

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QENS/WINS 2022 took place during May 23-27, 2022, in hybrid format. Following the spirit of QENS Conferences since 1992, the main purpose of QENS (‘Quasielastic Neutron Scattering’) was to cover the broad spectrum of scientific activities related with the investigation of material dynamics using quasi-elastic neutron scattering techniques (accessing both, frequency and time domains). QENS included diverse topics like energy-related investigations, biology, polymers, soft matter in general, water and other liquids, magnetism and functional materials. It offered a platform for discussion and exchange of scientific ideas, and a general overview to newcomers about the capabilities of QENS in exploring atomic and molecular motions and relaxation processes of novel materials. WINS (‘Workshop on Inelastic Neutron Scattering’) focused on innovative aspects of neutron instrument design. As in previous editions, the theme of “New idea, New concept, New design, New instrumentation for New sciences” was followed. Recent developments in the application of polarization analysis, magnetic field, pressure, or improvements in sample environments for soft matter systems, as well as data analysis and software were covered.

The event gathered 120 in-person participants (Miramar Palace in San Sebastian) and 52 on-line attendants, from 26 different countries. Along QENS/WINS 2022, 45 invited talks were given, including 4 plenaries and 11 keynotes. In addition, 58 oral talks and 36 posters were presented. It was sponsored by the Basque Government, DIPC, SoftComp, ESS-Lund, ILL, J-PARC/MLF, ISIS, JCNS, MLZ, ESS-Bilbao, LLB, ANSTO, SoNS, Swiss Neutronics and PSI, and counted with the support of ENSA and SETN.

