Workshops on Quasielastic Neutron Scattering and Inelastic Neutron Spectrometers (QENS/WINS 2020)

08.Eka - 12.Eka

Kod. Z06-20

Edizioa
2020

Jaduera mota
Kongresua

Data
08.Eka - 12.Eka

Kokalekua
Miramar Jauregia

Hiskuntzak
Ingelera

Ballo akademikoa
50 ordu

Web
http://qens-wins2020.dipc.org

ZUZENDARITZA

Arantxa Arbe. Centro de física de Materiales (CFM) (CSIC-UPV/EHU)
Antolakuntza Batzordea
Azalpena

The joint celebration QENS/WINS 2020 will constitute the 14th Edition of the QENS series and the 9th of the WINS workshops.

Following the spirit of QENS Conferences since 1992, the main purpose of QENS 2020 is 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 2020 will offer a platform for discussion and exchange of scientific ideas among the experts in this field, and a general overview to newcomers about the capabilities of QENS in exploring atomic and molecular motions and relaxation processes of novel materials. As a novelty, this QENS Edition will explore and exploit the potential synergies between different methods (including experimental techniques and simulations, but always with QENS in the spotlight), in order to face diverse scientific challenges emerging in different research fields.

WINS2020 --the 9th Workshop on Inelastic Neutron Spectrometers-- will cover innovative aspects of neutron instrument design. Progresses on new spectrometer projects will be presented. As in previous editions, the theme of “New idea, New concept, New design, New instrumentation for New sciences” will be followed. New developments in the application of polarization analysis, magnetic field, pressure, or improvements in sample environments for soft matter systems will be covered. Software for data acquisition, analysis and instrument simulation will be also part of the program. In analogy with the spirit of QENS 2020, the synergy with complementary methods—in this case mainly with advanced simulations and extensive Monte Carlo simulations—will be emphasized.

ORGANIZING COMMITTEE

Chairs:

Arantxa Arbe - Centro de Física de Materiales (CFM) (CSIC-UPV/EHU) – Materials Physics Center (MPC)

Juan Colmenero - Centro de Física de Materiales (CFM) (CSIC-UPV/EHU) – Materials Physics Center (MPC)

Other members:

Ane Iturriza - Materials Physics Center (MPC)

Amaia Iturrospe - Materials Physics Center (MPC)

Marta López - Materials Physics Center (MPC)

Jono Maiz - Materials Physics Center (MPC)

Paula Malo de Molina - Materials Physics Center (MPC)

Karmela Alonso - Donostia International Physics Centre (DIPC)

Carmen Martín - Donostia International Physics Centre (DIPC)

Helburuak

The main purpose of QENS 2020 is to cover the broad spectrum of scientific activities related with the investigation of dynamical processes in different systems using quasi-elastic neutron scattering techniques. As a novelty, this QENS Edition will explore and exploit the potential synergies between different methods (including experimental techniques and simulations), in order to face diverse scientific challenges emerging in different research fields.
WINS 2020 will cover innovative aspects of neutron instrument design.

Ikastaroaren laguntzaile espezifikoa
Zuzendariak

Arantxa Arbe

Centro de física de Materiales (CFM) (CSIC-UPV/EHU)
(San Sebastian)
<table>
<thead>
<tr>
<th>REGISTRATION FEES</th>
<th>2020-06-08 ARTE</th>
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<tbody>
<tr>
<td>Standard</td>
<td>450,00 EUR</td>
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<td>Invited speaker</td>
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<tr>
<td>Student</td>
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<tr>
<td>Early Career</td>
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</tbody>
</table>
Kokalekua

Miramar Jauregia

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Gipuzkoa