

2021 PROGRAMME OF ACTIVITIES

APRIL

19-23.4 **Mass in the Standard Model and Consequences of Its Emergence**
ONLINE
D. BINOSI (ECT*), C. FISCHER (Justus-Liebig-Universität Giessen),
T. HORN (Catholic University of America), C. ROBERTS (ANL)

26-30.4 **Heavy-Flavor Transport in QCD Matter**
ONLINE
R. RAPP (Texas A&M University), R. AVERBECK (GSI, Darmstadt),
X. DONG (LBL, Berkeley), P. GOSSIAUX (Subatech, Nantes),
X.-N. WANG (CCNU Wuhan)

MAY

17-21.5 **New Physics Searches in Heavy Ion Collisions**
ONLINE
M. DREWES (UCLouvain), D. D'ENTERRIA (CERN),
A. GIAMMANCO (UCLouvain), J. HAJER (UCLouvain)

24.-28.5 **STRANU: Hot Topics in STRAngeNess Nuclear and Atomic Physics**
ONLINE
K. PISCICCHIA (Centro Fermi, Roma), C. CURCEANU (LNF-INFN, Frascati),
D. GAZDA (Czech Academy of Sciences), E. HYAMA (Kyushu University
- RIKEN Nishina Center, Wako), P. MOSKAL (Jagiellonian University,
Krakow), F. SAKUMA (RIKEN Nishina Center, Wako)

JUNE

14-17.6 **Neutron Stars as Multi-Messenger Laboratories for Dense Matter**
ONLINE
I. TEWS (LANL, Los Alamos), B. GIACOMAZZO (University of Milano),
S. GUILLOT (CNRS Toulouse), J. MARGUERON (IPN Lyon),
S. NISSANKE (University of Amsterdam)

22-23.6 **Key Reactions in Nuclear Astrophysics**
ONLINE
A. TUMINO (Università degli Studi di Enna "Kore" & INFN-LNS, Catania),
J. JOSÉ (Technical University of Catalonia), C. BERTULANI (Texas A&M
University-Commerce), R. DIEHL (MPI Munich), L. TRACHE (IFIN-HH
Bucarest-Magurele, Romania)

28.6-1.7 **Nuclear Physics at the Edge of Stability**
ONLINE
G. HUPIN (IJCLab), O. SORLIN (GANIL), A. GADE (MSU), L. PLATTER (UTK)

28.6-23.7 **Doctoral Training Programme: High-Energy and Nuclear Physics
within Quantum Technologies**
ONLINE
P. HERNANDEZ (University of Valencia), S. MONTANGERO (University of
Padova), Y. OMAR (University of Lisbon), E. RICO (UPV/EHU, Ikerbasque)

29.6-1.7 **Saturation and Diffraction at the LHC and the EIC**
ONLINE
C. ROYON (Kansas University), A. SABIO VERA (Universidad Autónoma
de Madrid), S. SCHLICHTING (University of Bielefeld), A. DESHPANDE
(Stony Brook University), G. SOYEZ (IphT, Saclay), M. HENTSCHINSKI
(Universidad de Las Americas Puebla)

JULY

5-9.7 **Relativistic Fermions in Flatland: Theory and Application**
ONLINE
S. HANDS (Swansea University), H. GIES (Friedrich-Schiller-Universität
Jena), J. GRACEY (University of Liverpool),
I. HERBUT (Simon Fraser University)

12-16.7 **Probing Nuclear Physics with Neutron Star Mergers**
ONLINE
C. FRYER (LANL, Los Alamos & George Washington University),
J. LIPPUNER (LANL, Los Alamos), M. MUMPOWER (LANL, Los Alamos),
A. STEINER (University of Tennessee), B. COTE (Konkoly Observatory),
R. SURMAN (University of Notre Dame), S. ROSSWOG (Stockholm University)

19-21.7 **Nuclear Physics Meets Condensed Matter: Symmetry,
Topology, and Gauge**
ONLINE
A. GEZERLIS (University of Guelph), A. ROGGERO (University of Washington),
C. SA DE MELO (Georgia Institute of Technology)

19-30.7 **TALENT School: Machine Learning applied to Nuclear Physics,
Experiment and Theory**
ONLINE
M. HJORTH-JENSEN (Michigan State University and University of Oslo),
D. BAZIN (Michigan State University), M. KUCHERA (Davidson College), S.
LIDDICK (Michigan State University), R. RAMAMUJAN (Davidson College)

26-30.7 **Nuclear and Atomic Transitions as Laboratories for High
Precision Tests of Quantum Gravity Inspired Models**
ONLINE
A. MARCIANO (Fudan University), S. ALEXANDER (Brown University,
Providence), E. BARBERIO (Melbourne University), C. CURCEANU
(LNF-INFN, Frascati), K. PISCICCHIA (Centro Fermi, Roma), N. YUNES
(University of Illinois at Urbana-Champaign)

SEPTEMBER

6-10.09 **LFC21: Strong Interactions from QCD to New Strong Dynamics
at LHC and Future Colliders***
ONLINE
G. CORCELLA (LNF-INFN, Frascati), S. DE CURTIS (INFN Florence),
S. MORETTI (University of Southampton), G. PANCHERI (LNF-INFN,
Frascati), R. TENCHINI (INFN Pisa), M. VOS (IFIC Valencia)

13-17.09 **Tackling the Real-Time Challenge in Strongly Correlated
Systems: Spectral Properties from Euclidean Path Integrals***
ONLINE
S. RYAN (Trinity College Dublin), A. ROTHKOPF (University of Stavanger),
A. FRANCIS (CERN)

27.9-1.10 **Machine Learning for High Energy Physics, on and off the Lattice***
ONLINE
A. ATHENODOROU (Pisa University), D. GIATAGANAS (National and
Kapodistrian University of Athens), B. LUCINI (Swansea University),
E. RINALDI (Arithmer Inc., Tokyo), K. CRANMER (New York University),
C. ALEXANDROU (University of Cyprus)

OCTOBER

11-15.10 **Exploring High-MuB Matter With Rare Probes***
E. SCOMPARI (INFN Torino), T. GALATYUK (GSI & TU Darmstadt),
M. P. LOMBARDO (INFN Florence), R. RAPP (Texas A&M University),
G. USAI (University of Cagliari & INFN)

25-29.10 **Tomography of Light Nuclei at an EIC***
A. FREESE (ANL), W. COSYN (Ghent University & Florida International
University), I. CLOËT (ANL), P. SHANAHAN (MIT)

NOVEMBER

15-19.11 **Quark-Gluon Plasma Characterisation with Heavy Flavour Probes***
G. BRUNO (INFN Bari), J. AICHELIN (Subatech),
R. AVERBECK (GSI and EMMI), F. GROSA (INFN Torino)

*STRONG-2020 supported workshop

All workshops scheduled until the end of July 2021 will run online, in an adapted format. Any decision on the events after July 2021, will be taken in due time.

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