

2020

Scientific Calendar 2020

Jan + Feb

27 - 29 Jan
Public Health and Water Resources –
Adaptation to Climate Change in the
Eastern Mediterranean
email: smr3422@ictp.it

27 - 31 Jan
Computational School on
Electronic Excitations in Novel
Materials Using the Yambo Code
email: smr3421@ictp.it

03 - 07 Feb
Preparatory School on Optics:
Quantum Photonics and Information
email: smr3423@ictp.it

10 - 21 Feb
Winter College on Optics:
Quantum Photonics and Information
email: smr3424@ictp.it

24 Feb - 6 Mar
Plasmids as Vehicles of
Antimicrobial Resistance Spread
email: smr3425@ictp.it

24 Feb - 20 Mar
Spring College on the
Physics of Complex Systems
email: smr3427@ictp.it

**To be held
outside of Trieste**

17 - 21 Feb
Workshop on LPWAN Solutions
for the Internet of Things
(Makerere, Uganda)
email: smr3437@ictp.it

24 Feb - 6 Mar
Quantum Information Theory
and Thermodynamics at the
Nanoscale
(Al Hoceima, Morocco)
email: smr3426@ictp.it

Mar + Apr

09 - 20 Mar
Hands-on Workshop on Design,
Installation and Management
of HPC Data Centres for
Scientific Institutions
email: smr3430@ictp.it

09 - 20 Mar
Citizen Science with Application
to Nuclear, Seismic and Air
Quality Monitoring
email: smr3429@ictp.it

23 Mar - 03 Apr
Joint ICTP-IAEA 2020 International
School on Nuclear Security
email: smr3433@ictp.it

23 Mar - 03 Apr
Spring School on Superstring
Theory and Related Topics
email: smr3434@ictp.it

06 - 09 Apr
Dissipation Mechanisms in Nano/
Mesoscale Tribological Systems
email: smr3435@ictp.it

20 - 24 Apr
Youth in High-dimensions: Machine
Learning, High-dimensional Statistics
and Inference for the New Generation
email: smr3438@ictp.it

20 Apr - 01 May
8th Workshop on Collaborative
Scientific Software Development
and Management of Open
Source Scientific Packages
email: 3436@ictp.it

20 Apr - 01 May
Advanced Light Sources: Principles,
Designs, Developments and
Multidisciplinary Applications
email: 3439@ictp.it

02 - 04 Mar
Conference on Regional Climate
Modelling and Extreme Events
over South America: Results from
the CORDEX-Flagship Pilot Study
(Buenos Aires, Argentina)
email: smr3428@ictp.it

09 - 20 Mar
Workshop on Differential
Geometry
(Maceio, Brazil)
email: smr3431@ictp.it

16 - 27 Mar
School on Collective Animal Behaviour
(Havana, Cuba)
email: smr3432@ictp.it

May

04 - 08 May
Joint ICTP-IAEA Use of Cosmic Ray
Neutron Sensor for Soil Moisture
Management and Validation of
Remote Sensing Soil Moisture Maps
email: smr3440@ictp.it

04 - 15 May
10th ICTP Workshop on the Theory and
Use of Regional Climate Models
email: smr3441@ictp.it

11 - 22 May
Joint ICTP-IAEA Radiation Damage in
Nuclear Systems: from Bohr to Young
email: smr3443@ictp.it

11 - 22 May
Summer School on Cosmology 2020
email: smr3467@ictp.it

18 - 22 May
Superconductivity: from Microscopic
Mechanisms to Topology to
Macroscopic Properties
email: smr3445@ictp.it

25 - 29 May
Workshop on Physics and Chemistry
of Solid/Liquid Interfaces for Energy
Conversion and Storage
email: smr3447@ictp.it

25 - 29 May
Signatures of Nonequilibrium
Fluctuations in Life
email: smr3446@ictp.it

11 - 22 May
Integrating Climate Data, Predictions
and Projections into Health Planning
(Addis Ababa, Ethiopia)
email: smr3442@ictp.it

18 - 29 May
3rd Latin American Introductory
School on Parallel Programming
and Parallel Architecture for High
Performance Computing
(Baraquilla, Colombia)
email: smr3444@ictp.it

Jun

08 - 12 Jun
Impact and Risk Relevant Climate
Information from Global Scale
Projections to Local Scale Climate
Hazards (to be confirmed)
email: smr3450@ictp.it

08 - 19 Jun
Joint ICTP-IAEA Nuclear Energy
Management School
email: smr3451@ictp.it

15 - 26 Jun
New Pathways in Explorations
of Quantum Field Theory and
Quantum Gravity Beyond
Supersymmetry - II
email: smr3454@ictp.it

15 Jun - 03 Jul
Joint Summer School on Modelling
Tools for Sustainable Development
email: smr3453@ictp.it

22 - 26 Jun
16th Joint ICTP-IAEA Nuclear
Knowledge Management School
email: smr3455@ictp.it

27 - 28 Jun
ICTP-SDU Maker Faire - ESOF 2020
Science in the City Festival
Trieste (location to be determined)
email: smr3456@ictp.it

29 Jun - 03 Jul
Complex Analysis, Geometry
and Dynamics ECM-ICTP 2020
email: smr3457@ictp.it

08 - 19 Jun
6th African School on Electronic
Structure Methods and Applications
(ASEMA-2020)
(Kigali, Rwanda)
email: smr3449@ictp.it

Jul

13 - 17 Jul
Frontiers of Nanomechanics
email: smr3460@ictp.it

13 - 17 Jul
Joint ICTP/IAEA Workshop on Physics
and Technology of Innovative
Nuclear Energy Systems
email: smr3461@ictp.it

20 - 31 Jul
International Conference on
Representations of Algebras, ICRA
2020 Workshop and Conference
email: smr3463@ictp.it

06 - 17 Jul
2nd Joint ICTP and SAIFR
School on Particle Physics
(São Paulo, Brazil)
email: smr3459@ictp.it

06 - 24 Jul
6th Biennial African School
of Fundamental Physics and
Applications
(Marrakesh, Morocco)
email: smr3458@ictp.it

13 - 17 Jul
DSU2020 (The Dark
Side of the Universe)
(Kigali, Rwanda)
email: smr3452@ictp.it

13 - 19 Jul
The Coastal Ocean Environment
Summer School in Ghana 2020
(Accra, Ghana)
email: smr3462@ictp.it

31 Jul - 10 Aug
2nd International High Energy Physics
School in Western China
(Shaanxi, People's Republic of China)
email: smr3464@ictp.it

Aug

03 - 14 Aug
Joint ICTP/IAEA Workshop on
Portable Detectors for In-situ
Radiation Measurements
email: smr3466@ictp.it

03 - 14 Aug
3rd Summer School on Theory,
Mechanisms and Hierarchical
Modelling of Climate Dynamics:
Tropical Oceans, ENSO and their
Teleconnections
email: smr3485@ictp.it

03 - 21 Aug
The CODATA-RDA Research Data
Science Summer School and
Advanced Workshops
email: smr3468@ictp.it

17 - 21 Aug
Precision Theoretical Approaches
to Correlated Electrons
email: smr3469@ictp.it

17 - 21 Aug
Quantum Microwaves, Heat
Transfer and Many-body Physics
in Mesoscopic Superconducting
Devices
email: smr3470@ictp.it

24 Aug - 04 Sep
Hands-On Research in
Complex Systems School
email: smr3472@ictp.it

24 Aug - 04 Sep
Geometry of Discrete Actions
email: smr3471@ictp.it

03 - 14 Aug
EAUMP-ICTP School: Topics in
Concrete Mathematics
(Kigali, Rwanda)
email: smr3465

Sep

07 - 11 Sep
Conference on Quantum Annealing/
Adiabatic Quantum Computation
email: smr3474@ictp.it

07 - 25 Sep
College on Medical Physics:
Medical Imaging Physics and
Technology - Capacity Building in
Developing Countries
email: smr3473@ictp.it

07 - 25 Sep
ICTP-CECAM School and Workshop
on Molecular Dynamics and its
Applications to Biological Systems
email: smr3483@ictp.it

14 - 25 Oct
Frontiers of Matter Wave Optics
email: smr3475@ictp.it

28 Sep - 2 Oct
Joint ICTP-IAEA Workshop on
Dosimetry in Radionuclide
Therapy and Diagnostic
Nuclear Medicine
email: smr3478@ictp.it

28 Sep - 02 Oct
Biosphere - Climate Interactions in
Earth System Models at Global and
Regional Scales
email: smr3477@ictp.it

28 Sep - 02 Oct
African Physical Society (AFPS)
International Conference
(Kigali, Rwanda)
email: smr3476@ictp.it

Oct

05 - 09 Oct
Joint ICTP-IAEA 3rd Course
on Scientific Novelties in the
Phenomenology of Severe
Accidents in Water Cooled Reactors
email: smr3481@ictp.it

05 - 16 Oct
Seismic Tomography and Earth
Structure
email: smr3482@ictp.it

12 - 16 Oct
Workshop on Dynamical Systems
email: smr3420@ictp.it

19 - 23 Oct
Joint ICTP-IAEA International School
on Radioactive Waste Cementation
email: smr3484@ictp.it

05 - 09 Nov
Dissipative Quantum
Many-Body Systems
(Beijing, People's
Republic of China)
email: smr3480@ictp.it

05 - 16 Nov
African Workshop on GNSS
and Space Weather
(Rabat, Morocco)
email: smr3479@ictp.it

Nov + Dec

09 - 20 Nov
Winter School on Quantitative
Systems Biology: Quantitative
Approaches in Ecosystem Ecology
email: smr3486@ictp.it

12 - 16 Nov
Joint ICTP-IAEA Workshop on Medical
Physics Aspects of Stereotactic
Radiotherapy Techniques
email: smr3492@ictp.it

23 - 27 Nov
Joint ICTP-IAEA Workshop on
Risk Assessment in Advanced
Radiotherapy Techniques
email: smr3487@ictp.it

30 Nov - 18 Dec
Joint ICTP-IAEA School on FPGA-
based SoC and its Applications
for Nuclear and Related
Instrumentation
email: smr3490@ictp.it

23 - 27 Nov
Light-matter Interactions:
Theory and Experiments at
the Border with Biology
(Trivandrum, India)
email: smr3488@ictp.it

07 - 18 Dec
IITB-ICTP-TIFR Workshop on Physics,
Geometry and Number Theory
(Bombay, India)
email: smr3491@ictp.it