Summer School on Modelling Tools for Sustainable Development - OpTIMUS

4 - 29 June, 2018
Trieste, Italy

Further information:
http://indico.ictp.it/event/8315/
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ICTP

This school combines lectures and hands-on exercises in the use of open source modeling tools integrating climate, land-use, energy and water systems, electricity access and investment issues for model-informed policy formulation towards the implementation of the 2030 Agenda for Sustainable Development. Leading academics and researchers working in the field of model-informed development strategies provide four weeks of intensive training of government officials from countries participating in projects on analysis and modelling capacity development sponsored by UNDESA, UNDP, World Bank Group and other development organizations. Participants perfect their modeling and analysis skills about the operation and extension of their national models, incorporate and test new and evolving policy issues and contribute to the practice of evidence-based policy formulation regarding national sustainable development policies. The suite of OpTIMUS modelling tools includes the geospatial electricity access model OnSSET (OnSSET.org), the energy system and investment model OSeMOSYS (OSeMOSYS.org) and CLEWS - the integrated Climate, Land, Energy and Water System model (OSiMOSYS.org).

Topics:

- **C**limate variability and change
- **L**and use planning and change
- **E**nergy systems
- **W**ater resources
- **S**ocioeconomic scenario modelling
- Integrated modelling for energy systems
- Geo-spatial modelling
- Medium to long term energy investment modelling

Directors:

M. Howells, KTH
A. Tompkins, ICTP

Speakers:

D. Alarcon, USA, OpTIMUS community
T. Alfstad, USA, UNDESA
O. Cuadros, Nicaragua, Ministerio de Hacienda y Credito Publico
F. Fuso-Nerini, Sweden, KTH
M. Howells, Sweden, KTH
D. Konadu, UK, University of Cambridge
A. Korkovelos, Sweden, KTH
T. Niet, Canada, BCIT
E. Pereira Ramos, Sweden, KTH
H. Rogner, Austria, OpTIMUS community and IIASA.
A. Shivakumar, UK, OpTIMUS community
V. Sridharan, Sweden, KTH
S. Ulloa, Costa Rica, UNDP
E. Zepeda, USA, OpTIMUS community

How to apply:

Online application:
http://indico.ictp.it/event/8315/
Women are particularly encouraged to apply.

Grants:

Participation in the event will be primarily by invitation only. However, limited spaces are available for self-funded participants.

Deadline:

18 March 2018

The Abdus Salam
International Centre for Theoretical Physics
www.ictp.it
Trieste, Italy