

# Workshop on Modelling of Wildfires and their Environmental Impacts | (smr 2717)

Monday, 22 June 2015

08:30 - 18:00

Location: Adriatico Guest House - Kastler Lecture Hall

08:30 **Registration 1h30'** ( Adriatico Guest House - Kastler Lecture Hall Area (Lower Level 1) )

*After you have Registered: Administrative Formalities (daily living allowances/travel reimbursement s, bank transactions, etc.) at the E. Fermi Building - just above the Leonardo Da Vinci Bldg.  
- Meal coupons: balance will be issued by the Guesthouse Receptions one day after the on-line registration is completed according to the following timetables:  
GALILEO Guesthouse: Tuesday to Friday 10.00-12.00 & 13.00-15.00  
ADRIATICO Guesthouse: Tuesday To Friday 13.00-15.00*

10:00 **Introduction 30'**

Speaker: F. Solmon; C.Mari

10:30 **Coffee Break 30'** ( Adriatico Guest House - Terrace )

11:00 **Physics and wildfire modeling 45'**

Speaker: D. Morvan

11:45 **WRF-SFIRE, modeling and applications (preliminary) 45'**

Speaker: J. Mandel

12:30 **LUNCH 1h30'** ( Adriatico Guest House - Cafeteria )

14:00 **WRF-SFIRE, modeling and applications (preliminary) 45'**

Speaker: A. Kochansky

15:00 **Practical session on WRF-SFIRE 1h0'** ( Adriatico Guest House - INFO Lab (Lower Level 1) )

16:00 **Coffee Break 30'** ( Adriatico Guest House - Terrace )

16:00 **Practical session on WRF-SFIRE (con't) 2h0'**

Tuesday, 23 June 2015

09:00 - 18:30

Location: Adriatico Guest House - Kastler Lecture Hall

09:00 **Observations and measurements of fire behavior and fire-atmosphere interactions 45'**

Speaker: C. Clements

09:45 **Modeling the interactions of wildfires with biomass and atmosphere 45'**

Speaker: Melanie Rochoux

10:30 **Coffee Break 30'** ( Adriatico Guest House - Terrace )

11:00 **Extreme fire behavior in complex terrain 45'**

Speaker: C. Clements

11:45 **Data-driven wildfire spread modeling 45'**

Speaker: M. Rochoux

12:30 **LUNCH 1h30'** ( Adriatico Guest House - Cafeteria )

14:00 **WRF-SFIRE, modeling and applications (preliminary) 45'**

Speaker: A. Kochansky

15:00 **Practical session on WRF-SFIRE 1h0'** ( Adriatico Guest House - INFO Lab (Lower Level 1) )

16:00 **Coffee Break 30'** ( Adriatico Guest House - Terrace )

16:00 **Practical session on WRF-SFIRE (con't) 2h30'** ( Adriatico Guest House - INFO Lab (Lower Level 1) )

Wednesday, 24 June 2015

09:00 - 17:00

Location: Adriatico Guest House - Kastler Lecture Hall

09:00 **Where, when and why do wildfires occur? 45'**

Speaker: C. Ricotta

09:45 **Understanding fire weather: a basic need for successful and safe fire management** 1h0'

Speaker: G. Xanthopoulos

10:45 **Coffee Break** 30' ( Adriatico Guest House - Terrace )11:15 **Wildfire risk assessment and management: insights, challenges and future perspectives (preliminary)** 45'

Speaker: M. Salis

12:00 **Statistical estimation of fire risk / chemical emissions from wild fires (preliminary)** 45'

Speaker: F. Mouillot

12:45 **LUNCH** 1h30' ( Adriatico Guest House - Cafeteria )14:15 **Fire behavior** 45'

Speaker: A. Simeoni

15:00 **Wildfires and wildland urban interface** 45'

Speaker: D. Morvan

15:45 **Coffee Break** 30' ( Adriatico Guest House - Terrace )16:15 **Role of fire in ecosystem stability ( preliminary)** 45'

Speaker: E.Schertzer

## Thursday, 25 June 2015

09:00 - 18:00

Location: Adriatico Guest House - Kastler Lecture Hall

09:00 **Fires, climate and climate change: A global perspective** 1h0'

Speaker: J.M. Moreno

10:00 **Global fire and carbon cycle model/ SPITFIRE modelling/ dynamic vegetation** 45'

Speaker: G. Lasslop

10:45 **Coffee Break** 30' ( Adriatico Guest House - Terrace )11:15 **tbc** 45'

Speaker: A. Spessa

12:00 **Satellite remote sensing of fires, global emission estimation, Copernicus Atmosphere Monitoring Service** 45'

Speaker: Johannes Kaiser

12:45 **LUNCH** 1h15' ( Adriatico Guest House - Cafeteria )14:00 **Practical session on WRF-SFIRE** 2h0' ( Adriatico Guest House - INFO Lab (Lower Level 1) )16:00 **Coffee Break** 30' ( Adriatico Guest House - Terrace )16:00 **Practical session on WRF-SFIRE (con't)** 2h0' ( Adriatico Guest House - INFO Lab (Lower Level 1) )

## Friday, 26 June 2015

09:00 - 12:00

Location: Adriatico Guest House - Kastler Lecture Hall

09:00 **Forest fires and people: Prevention and safety** 1h0'

Speaker: G. Xanthopoulos

10:00 **talk/discussion/conclusions (tbc)** 1h0'11:00 **Coffee Break** 30' ( Adriatico Guest House - Terrace )11:30 **Wrap-up; issuance of certificates to participants** 30'

ICTP - Strada Costiera, 11  
I - 34151 Trieste Italy  
☎ (+39) 040 2240 111  
✉ pio@ictp.it

applicants' terms and conditions  
web terms of use

🐦  
📘  
📺  
contacts  
sitemap

ICTP is governed by UNESCO, IAEA, and Italy,  
and is a UNESCO Category 1 Institute