

**ETOP2013**      *General overview (room allocation)*

**Tuesday**

**Wednesday**

**Thursday**

**Friday**

9:30 - 10:30 Session I
Opening and Invited lecture: "Critical Issues Facing Physics Education: Participation, Engagement, and Relevance"
<b>Room AC1</b>

9:00 - 10:30 Session VI	9:00 - 10:40 Session VII	9:00 - 10:40 Session VIII	9:00 - 10:30 Session IX
Photonics Explorer workshop	educational laboratories with single photon	Hands-on & outreach	General concepts
<b>Room MF2</b>	<b>Room AF1</b>	<b>Room AF3</b>	<b>Room AF2</b>

9:00 - 12:45 Session XII	9:00 - 10:15 Session XIII	9:00 - 10:15 Session XIV	9:00 - 10:30 Session XV
Workshop on teaching with the galileoscope	Training and laboratory demonstrations I	Conceptual understanding assessment	Computer assisted learning I
	<b>Room AF3</b>	<b>Room AF2</b>	<b>Room AF1</b>

9:00 - 12:45 Session XXI	9:00 - 10:15 Session XXII	9:00 - 10:15 Session XXIII
ALOP workshop	Curriculum development	Training in collaboration with industry
	<b>Room AF3</b>	<b>Room AF1</b>

11:00 - 13:05 Session II
Invited Lectures
<b>Room AF1</b>

11:00 - 12:45 Joint Session
Entrepreneurship in Optics & Photonics
<b>Room AC1</b>

11:00 - 13:05 Session XVI
Invited Lectures
<b>Room AF1</b>

11:00 - 12:40 Session XXIV
Invited Lectures
<b>Room AF1</b>

14:45 - 16:30 Session III	
Short course: Dihedral Fourier Analysis	Invited Lectures
<b>Room AF3</b>	<b>Room AF1</b>

14:45 - 16:30 Session XI			
Posters	Hands-on Holography	The magic of Light?	The Hands-on Optics Project
<b>Room PF1</b>	<b>Room AF1</b>	<b>Room AF3</b>	<b>Room MF2</b>

14:45 - 16:25 Session XVII
Invited Lectures
<b>Room AF1</b>

14:45 - 16:30 Joint Session
Women & Optics
<b>Room AC1</b>

17:00 - 18:40 Session IV	17:00 - 19:00 Session V
Invited Lectures	Workshop on Problem Based Learning
<b>Room AF1</b>	<b>Room MF2</b>

17:00 - 18:45 Session XVIII	17:00 - 18:30 Session XIX	17:00 - 18:15 Session XX
Student Activity : Verification on Malus's Law of Polarization at low cost	Training and laboratory demonstrations II	Computer assisted learning II
<b>Room MF2</b>	<b>Room AF3</b>	<b>Room AF1</b>

14:45 - 16:30 Closing Session
ETOP 2013 RIO/OPTILAS 2013
<b>Room AC1</b>

