



# Sunspot Formation: Theory, Simulations and Observations

## Monday 9 March 2015

### Flux emergence: observational and theoretical results - Oskar Klein Auditorium (14:30 - 15:40)

time	[id] title	presenter
14:30	[318] One Model Doesn't Fit All: Recent Results of a Detailed Analysis of Sunspot Demographics	MUNOZ-JARAMILLO, Andres
15:10	[282] Emergence and Decay of Sunspots Groups Observed with HMI	NORTON, Aimee

### Flux emergence: observational and theoretical results - Oskar Klein Auditorium (16:10 - 18:00)

-Conveners: Rainer Arlt

time	[id] title	presenter
16:10	[271] Small-scale emerging flux and local dynamo action	KITIASHVILI, Irina
16:50	[273] Joy's law revisited by using the new Debrecen tilt angle database	LUDMÁNY, András
17:10	[321] Discussion on the topics of the first day	ARLT, Rainer

# Tuesday 10 March 2015

## **Flux emergence: observational and theoretical results - Oskar Klein Auditorium (09:00 - 10:20)**

-Conveners: Karel Schrijver

time	[id] title	presenter
09:00	[269] Towards understanding the subsurface structure of sunspots	SCHUNKER, Hannah
09:40	[272] Properties of sunspot formation as seen from high-resolution observations	BELLO GONZALEZ, Nazaret
10:00	[287] Examining the relationship between buoyant velocity and magnetic field of an emerging active region	LIN, Chia-Hsien

## **Flux emergence: observational and theoretical results - Oskar Klein Auditorium (10:50 - 11:30)**

-Conveners: Alexander Kosovichev

time	[id] title	presenter
10:50	[281] Flux emergence: simulations and observations	STEIN, Bob