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WCRP Grand Challenge on Clouds, Circulation and Climate Sensitivity:

2nd Meeting on Monsoons and Tropical Rain Belts | (smr 3252)

Monday 02 July 2018

Theory and Large Scale Dynamics - ex-SISSA Main Auditorium (08:30-18:00)

| time | title | presenter |
|-------|--|---------------------------------|
| 08:30 | Registration - admin formalities | |
| 09:20 | Welcome | M. BIASUTTI, M. BYRNE, A. VOIGT |
| 09:30 | Climatology and Variability of Tropical Rain Belts: Theory & Hierarchical Modeling | BOOS, William |
| 10:10 | The omega-governor | MITCHELL, Jonathan |
| 10:30 | coffee break | |
| 11:00 | Controls on the Onset Rate of 'Aquaplanet Monsoons' | GEEN, Ruth |
| 11:20 | Constraints on the poleward extent of tropical rain belts in planetary | SINGH, Martin |
| 11:40 | Whether the Continental ITCZ Follows the "Sun" with Extreme Obliquity | BACK, Larissa |
| 12:00 | Poster Intros for poster session on Day 3 | |
| 12:45 | lunch break | |
| 14:15 | Call to order & announcements | |
| 14:20 | Ocean Dynamics' effect on Tropical Rain Belts: Theory & Hierarchical Modeling | MARSHALL, John |
| 15:00 | Role of ocean circulation in the climate response to meridional energy imbalances | CODRON, Francis |
| 15:20 | How ocean dynamics modulate the climate response to one hemispheric subpolar cooling? | KANG, Sarah |
| 15:40 | coffee break | |
| 16:10 | Influence of continental geometry on the onset and spatial distribution of monsoonal precipitation | HUI, Katrina |
| 16:30 | Convectively Coupled Waves and Double ITCZs: An Angular Momentum Perspective | YANG, Da |
| 16:50 | Moisture Vortex Instability | ADAMES-CORRALIZA, Angel |
| 17:10 | Essential elements of the Indian Monsoon | BATTISTI, David |
| 17:30 | Take home messages (including TRACMIP) | |