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Eighth ICTP Workshop on the Theory and Use of Regional Climate Models | (smr 2831)

Monday 23 May 2016

notitle - AGH (Kastler Lecture Hall) (08:30-17:00)

| time | title | presenter |
|-------|--|------------------|
| 08:30 | Registration - visitors with financial support have to go to the Fermi building - operations office ground floor | |
| 09:30 | Regional Modeling | GIORGI, Filippo |
| 10:00 | CORDEX | GIORGI, Filippo |
| 10:30 | coffee break | |
| 11:00 | RegCM4 History/ developments/ future/et... | GIORGI, Filippo |
| 11:30 | Tests over different domains | COPPOLA, Erika |
| 12:00 | Cloud microphysics | NOGHEROTTO, Rita |
| 12:30 | lunch break | |
| 14:00 | Lab session | |
| 15:30 | Coffee break | |

Tuesday 24 May 2016

notitle - AGH (Kastler Lecture Hall) (09:00-21:00)

| time | title | presenter |
|-------|---|------------------|
| 09:00 | Dynamical core | TUMOLO, Giovanni |
| 09:30 | Added value Alps | TORMA, Csaba |
| 10:00 | Assessment of multiple daily precipitation statistics in ERA-Interim driven Med-CORDEX and EURO-CORDEX experiments against high resolution observations | FANTINI, Adriano |
| 10:30 | Impact of Climate Change on Heating and Cooling Degree Days and Potential Energy Demand in the Household Sector of China | GAO, Xuejie |
| 11:00 | coffee break | |
| 11:30 | A study on the impact of irrigation on regional climate using the regional climate model | IM, Eun Soon |
| 12:00 | Dynamical Vegetation Model | CAPORASO, Luca |
| 12:30 | lunch break | |
| 14:00 | Lab session | |
| 15:30 | Coffee break | |
| 17:00 | Poster Session | |
| 19:00 | reception dinner for all participants | |

Wednesday 25 May 2016

notitle - AGH (Kastler Lecture Hall) (09:00-14:00)

| time | title | presenter |
|-------|--|----------------------------|
| 09:00 | Africa | SYLLA, Bamba |
| 09:30 | Central America and Mexico CORDEX CAM Studies | CAVAZOS, Tereza |
| 10:00 | Sensitivity of Tropical Cyclones to Resolution, Convection Scheme and Ocean Flux Parameterization over Eastern Tropical Pacific and Tropical North Atlantic Oceans in RegCM4 Model | FUENTES FRANCO, Ramon |
| 10:30 | coffee break | |
| 11:00 | North America | BUKOVSKY, Melissa |
| 11:30 | A comparative analysis of the horizontal resolution impacts in simulated climate over South America | DA ROCHA PORFIRIO, Rosmeri |
| 12:00 | The role of land use change over the Amazon Forest in simulating climatology and extreme hydroclimatic indices | LLOPART PEREIRA, Marta |
| 12:30 | lunch break | |

notitle - AGH (Kastler Lecture Hall) (13:25-15:50)

| time | title | presenter |
|-------|---|-------------------------|
| 13:25 | EC FP7 project - REQUA RegCM-CHEM Experts Workshop | |
| 13:30 | Chair P. Zanis - registration and opening | |
| 13:45 | Overview of the REQUA project | MELAS, Dimitris |
| 14:00 | Study on air pollution and climate interaction in East Asia using regional model RegCCMS and RegCM-CHEM | WANG, Tijian |
| 14:15 | Arabian dust and the Indian monsoon | SOLMON, Fabien |
| 14:30 | Secondary Organic Aerosols and their direct effects in RegCM4 | CIARLO, James |
| 14:45 | Dust size parameterization in RegCM4: impact on aerosol burden and radiative forcing | TSIKERDEKIS, Athanasios |
| 15:00 | Trans-Atlantic Transport of Mineral Dust from Sahara using RegCM4 | ZANIS, Prodomos |
| 15:15 | Validation of RegCM for South-East Europe - preliminary results | GADZHEV, Georgi |

notitle - Adriatico Guest House - Informatics Laboratory (14:00-17:00)

| time | title | presenter |
|-------|--------------|-----------|
| 14:00 | Lab session | |
| 15:30 | Coffee break | |

Thursday 26 May 2016

notitle - AGH (Kastler Lecture Hall) (09:00-14:00)

| time | title | presenter |
|-------|--|--------------------|
| 09:00 | Convection permitting modeling | VAN LIPZIG, Nicole |
| 09:30 | Convection-resolving climate change simulations: Short-term precipitation extremes in a changing climate | BAN, Nikolina |
| 10:00 | Nonhydrostatic vs. hydrostatic dynamics: testing new capabilities in RegCM | GUETTLER, Ivan |
| 10:30 | coffee break | |
| 11:00 | Vegetation coupling | STORDAL, Frode |
| 11:30 | Aerosols | SOLMON, Fabien |
| 12:00 | Assessing the performance of RegCM4-chem in the simulation of ozone levels: Summer circulation over Mediterranean and stratospheric intrusion events | ZANIS, Prodromos |
| 12:30 | lunch break | |

notitle - AGH (Kastler Lecture Hall) (13:30-15:30)

| time | title | presenter |
|-------|------------------------------|-----------|
| 13:30 | REQUA Round Table Discussion | |

notitle - Adriatico Guest House - Informatics Laboratory (14:00-17:00)

| time | title | presenter |
|-------|--------------|-----------|
| 14:00 | Lab session | |
| 15:30 | Coffee break | |

Friday 27 May 2016

notitle - AGH (Kastler Lecture Hall) (09:00-17:00)

| time | title | presenter |
|-------|---|-----------------------|
| 09:00 | Atmosphere-ocean interactions | FARNETI, Riccardo |
| 09:30 | Recent developments in RegESM modeling system and plans to support higher resolution and multi-component applications | TURUNCOGLU, Ufuk |
| 10:00 | Coupling - India | DI SANTE, Fabio |
| 10:30 | coffee break | |
| 11:00 | Overview of a Regional Ocean-Atmosphere Coupled Model FROALS | ZHOU, Tianjun |
| 11:30 | Coupling - South Atlantic | SITZ, Lina |
| 12:00 | Assessment of the Regional Climate Earth System Model (RegESM) in reproducing observed climatic features of the atmosphere over the CORDEX Central America domain | FUENTES FRANCO, Ramon |
| 12:30 | lunch break | |
| 14:00 | Lab session | |
| 15:30 | Coffee break | |

Monday 30 May 2016

notitle - AGH (Kastler Lecture Hall) (09:00-17:00)

| time | title | presenter |
|-------|---|------------------------------|
| 09:00 | High-resolution ensemble projections of near-term regional climate over the continental United States | ASHFAQ, Moetasim |
| 09:20 | Climate Extreme Index Analysis Based on High Resolution Regional Simulation | BATIBENIZ, Fulden |
| 09:40 | Dynamical downscaling: events – oriented verification | SALINAS PRIETO, Jose Antonio |
| 10:00 | coffee break | |
| 10:30 | Lab session | |
| 12:30 | lunch break | |
| 14:00 | Lab session | |
| 15:30 | Coffee break | |

Tuesday 31 May 2016

notitle - AGH (Kastler Lecture Hall) (09:00-17:00)

| time | title | presenter |
|-------|--|-------------------------|
| 09:00 | Representing the present-day regional climate over Southern Africa in a double nested system | BROWNE KLUTSE, Nana Ama |
| 09:20 | How can regional climate models reproduce the annual cycle of precipitation in Europe? | HALENKA, Tomas |
| 09:40 | Studies with RegCM4: Cyclones over South Atlantic and diurnal cycle of precipitation, new microphysics scheme and seasonal forecast over South America | REBOITA, Michelle |
| 10:00 | Study of climate variability and future climate projections over the Southern Central Andes region through CMIP5 GCMs | ZAZULIE, Natalia |
| 10:20 | coffee break | |
| 10:50 | Lab session | |
| 12:30 | lunch break | |
| 14:00 | Lab session | |
| 15:30 | Coffee break | |

Wednesday 01 June 2016

notitle - AGH (Kastler Lecture Hall) (09:00-17:00)

| time | title | presenter |
|-------|--|-----------------------|
| 09:00 | Soil Moisture Effect On Simulated Diurnal Cycle of Precipitable Water Vapor in the North American Monsoon Region | OCHOA MOYA, Carlos A. |
| 09:20 | On the assessment of urban land-surface impacts on climate in RegCM simulations over Central Europe - comparison of BATS-SLUCM and CLM-SLUCM | HALENKA, Tomas |
| 09:40 | Hydro-climatic Effects of Present and Future Land Cover / Land Use Changes in the Upper Mesopotamia | YILMAZ, Yeliz |
| 10:00 | Downscaling the Regional Climate of Iran and its challenges | MOUSAVI, Seyedvahid |
| 10:20 | coffee break | |
| 10:50 | Lab session | |
| 12:30 | lunch break | |
| 14:00 | Lab session | |
| 15:30 | Coffee break | |

Thursday 02 June 2016

notitle - AGH (Kastler Lecture Hall) (09:00-17:20)

| time | title | presenter |
|-------|--|-----------------------|
| 09:00 | Transport and radiative impacts of atmospheric pollen in RegCM4 using an observation-based emissions model | WOZNIAK, Matthew |
| 09:20 | Impact of Climate Change on Wind Energy Generation in kagbeni, Nepal Using RegCM | ADHIKARI, Neeraj |
| 09:40 | Climate Studies at the Ateneo de Davao University, Davao City, Philippines | AVILA, Francia |
| 10:00 | RegCM-related research activity at the Department of Meteorology | PIECZKA, Ildiko |
| 10:20 | Performance of RegCM4.1 in simulating extreme precipitation events of Pakistan | MEHMOOD, Shahid Awan |
| 10:40 | Using RegCM Model for Simulating the Air Quality over Cairo | NASSER MOSTAFA, Amira |
| 11:00 | coffee break | |
| 11:30 | Lab session | |
| 12:30 | lunch break | |
| 14:00 | Lab session | |
| 15:30 | Coffee break | |

Friday 03 June 2016

notitle - AGH (Kastler Lecture Hall) (09:00-17:00)

| time | title | presenter |
|-------|------------------------------------|-----------|
| 09:00 | Project presentations | |
| 10:00 | coffee break | |
| 10:30 | Project presentations | |
| 12:30 | lunch break | |
| 14:00 | Discussion about future activities | |