

# CLM-community Assembly 2014 Program

| Day 1: Tuesday, Sep 2, 2014    |  |
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| 10:00 – 13:00                  | Registration   |
| 09:00 – 12:00                  | SUPTECH administrative session (Room 1.15 – Wallace)   |
| 11:30 – 12:00                  | CLM-Community for beginners (Anders & Brauch) (Auditorium)   |
| 13:00 – 13:10                  | Welcome address and organizational information   |
| 13:10 – 14:40                  | Introduction and Overview  |
| 13:10 – 13:30                  | Lüthi: <i>News from EXTPAR</i>   |
| 13:30 – 13:45                  | Rockel: <i>Latest Developments in Preprocessing and Starterpackage</i>   |
| 13:45 – 14:00                  | Panitz: <i>Recent developments of the COSMO-CLM</i>  |
| 14:00 – 14:20                  | Blahak: <i>News from COSMO</i>   |
| 14:20 – 14:40                  | Früh: <i>Coordination report</i>   |
| 14:40 – 15:00                  | Coffee break   |
| 15:00 – 17:00                  | Talks I – EVAL (4 talks) - DYNNUM (1 talk)   |
| 15:00 – 15:20                  | A. Dobler<br><i>The Inter-Sectoral Impact Model Intercomparison Project (ISI-MIP)</i>  |
| 15:20 – 15:40                  | A. Kerkweg, C. Hofmann, G. Gläser, P. Jöckel:<br><i>Two-way coupling of ECHAM5 and COSMO using the MECO(n) system</i>  |
| 15:40 – 16:00                  | N. Kröner, S. Kotlarski, D. Lüthi, E. Fischer, Ch. Schär:<br><i>Separating dynamical and thermodynamical effects in surrogate COSMO-CLM experiments of the European summer climate</i> |
| 16:00 – 16:20                  | B. Rockel, H.-J. Panitz:<br><i>The application of the new IFS convection scheme in COSMO-CLM</i>   |
| 16:20 – 16:40                  | Jack Ogaja, Klaus Keuler, Andreas Will:<br><i>Impact of Higher Order horizontal spatial discretisation of Euler equations in the COSMO model on regional climate over Europe</i>       |
| 16:40 – 17:00                  | <i>Poster presentations á 2 min</i>  |
| 17:00 – 18:30                  | Poster session I   |
| 18:30 – 20:30                  | Icebreaker   |
| Day 2: Wednesday, Sep. 3, 2014 |  |
| 9:00 – 10:00                   | Thomas Hickler, BiK-F (Invited talk):<br><i>The role of the terrestrial biosphere in the climate system</i>  |
| 10:00 – 10:50                  | Talks II – AIO (1 talks) – CCAR (1 talk)   |
| 10:00 – 10:20                  | N. Akhtar, B. Ahrens, J. Brauch:<br><i>New ocean-atmosphere regional coupled system COSMO-CLM/NEMO-MED12 over the Mediterranean Sea</i>  |

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| 10:20 – 10:40                        | M. Mertens, E. Tsati, A. Kerkweg, V. Grewe, P. Jöckel:<br><i>From global to regional scale: Impact of road traffic emissions on tropospheric ozone</i>   |
| 10:40 – 11:00                        | Poster presentations á 2 min   |
| 11:00 – 11:30                        | Coffee break   |
| 11:30 – 12:30                        | Talks III – CRCS (3 talks)   |
| 11:30 – 11:50                        | E. Brisson, C. Brendel, B. Ahrens:<br><i>Sensitivity of convective activity to varying amplitude of soil moisture content and roughness length</i>   |
| 11:50 – 12:20                        | M. Keller, O. Fuhrer, J. Schmidli, R. Stöckli, M. Stengel, Ch. Schär:<br><i>Evaluation of convection-resolving models using satellite data: The diurnal cycle of summertime convection over the Alps</i> |
| 12:10 – 12:30                        | A. F. Prein, H. Truhetz, K. Keuler:<br><i>Added Value of Convection Permitting Climate Simulations Under Certain Alpine Weather Conditions</i>   |
| 12:20 – 13:15                        | Lunch  |
| 13:15 – 14:30                        | Hot Topic Café (Brauch, Anders & Ferrone) (Room 0.10 – Gondwana and Room 1.15 – Wallace)   |
| 14:30 – 16:00                        | Poster session II  |
| 16:00 – 18:30                        | Working Group I<br>EVAL (Room 1.15 – Wallace)<br>AIO (Room 1.16 – Laurasia)<br>ICON (Room 0.10 – Gondwana)   |
| <b>Day 3: Thursday, Sep. 4, 2014</b> |  |
| 9:00 – 10:00                         | Talks IV – SOILVEG (3 talks)   |
| 09:00 – 09:20                        | G. Smiatek, J. Helmert, E.-M. Gerstner:<br><i>Impact of land use and soil data specifications on COSMO-CLM simulations</i>   |
| 09:20 – 09:40                        | K. Trusilova, S. Schubert, H. Wouters, B. Früh, S. Großmann-Clarke, M. Demuzere:<br><i>The urban land use in the COSMO-CLM model: a comparison of three parameterizations for Berlin</i>                 |
| 09:40 – 10:00                        | J. Tödter, S. Kothe, B. Ahrens:<br><i>Initialization of the land surface for CCLM</i>  |
| 10:00 – 11:00                        | CLM-Community Meeting - discussions and decisions: (Früh)  |
|                                      | <i>CLM-Community documents (CLM agreement, rules of internal procedure, COSMO agreement, COSMO standards for source code development, ...</i>  |
| 11:00 – 11:20                        | Coffee break   |
| 11:20 – 12:20                        | Working group II<br>CCAR (Level 0 – Madagaskar)<br>IPCC-AR5-CORDEX (Room 1.15 – Wallace)<br>OASIS (Room 1.16 – Laurasia)<br>HORIZON2020 (Room 0.10 – Gondwana)   |
| 12:20 – 13:20                        | Lunch  |
| 13:20 – 15:20                        | Working Group III<br>SOILVEG (Room 0.10 – Gondwana)<br>DYNNUM (Room 1.16 – Laurasia)   |

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|                                    | <b>CRCS (Room 1.15 – Wallace)</b>   |
| 15:20 – 16:00                      | Coffee break & poster on the outcome of the hot topic cafe  |
| 16:00 – 17:00                      | Talks V – IPCC-AR5 (1 talk) – EVAL (1 talk + Keuler et al)  |
| 16:00 – 16:20                      | D. Conte, P. Lionello:<br><i>The COSMO-CLM simulations within the MedCORDEX initiative</i>  |
| 16:20 – 16:40                      | S. Galluccio, E. Bucchignani, M. Montesarchio, P. Mercogliano, H.-J. Panitz:<br><i>A sensitivity study with COSMO-CLM over MENA-CORDEX domain</i> |
| 16:40 – 17:00                      | K. Keuler: <i>Comparison of CCLM version 5.0 with version 4.8 over Europe</i>   |
| 17:00 – 17:15                      | WG EVAL report (Anders)   |
| 17:15 – 18:00                      | Discussion on the status of the COSMO-CLM evaluation  |
| 18:15 – 19:15                      | Jean-Pascal van Ypersele, IPCC Vice-chair (Evening Keynote):<br><i>The Climate Change Challenge and Opportunities</i>                             |
| 19:30                              | Assembly dinner & poster award  |
| <b>Day 4: Friday, Sep. 5, 2014</b> |   |
| 09:00 – 10:00                      | Rainer Hollmann, CM-SAF/DWD (Invited Talk):<br>Can satellite data help in climate model evaluation?   |
| 10:00 – 11:10                      | Reports from the working groups   |
| 10:00 – 10:07                      | WG AIO (Rockel)   |
| 10:07 – 10:14                      | WG CCAR (Ferrone)   |
| 10:14 – 10:21                      | WG CRCS (Prein)   |
| 10:21 – 10:28                      | WG DYNNUM (Will)  |
| 10:28 – 10:35                      | PG HORIZON2020 (Tölle)  |
| 10:35 – 10:42                      | PG ICON (Keuler)  |
| 10:42 – 10:49                      | PG IPCC AR5/CORDEX (Dosio)  |
| 10:49 – 10:56                      | PG OASIS (Brauch)   |
| 10:56 – 11:03                      | WG SOILVEG (Kothe)  |
| 11:10 – 11:30                      | Coffee break  |
| 11:30 – 11:40                      | Reports from the working groups   |
| 11:10 – 11:17                      | SUPTECH (Kerkweg)   |
| 11:17 – 11:24                      | CO (Früh)   |
| 11:24 – 11:31                      | SAB (Rockel)  |
| 11:40 – 13:00                      | CLM-Community Meeting - discussions and decisions (Früh)  |
| 11:40 – 12:40                      | Science plan  |
| 12:40 – 13:00                      | CLM Assembly 2015 & miscellaneous   |

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| 13:00         | Closing of the Assembly                            |
| 13:00 – 16:00 | CLM-CO Working Group Meeting (Room 1.15 – Wallace) |