

Day 4	Thursday, September 12, 2024, 11:20-13:05; Museo dell'arte classica	
Radar hydrometeorological applications		
panel 1	<p>CONVECTIVE GUST ALERTS GENERATED BY THE RADAR-BASED "SEVERE WEATHER INDEX" IN THE INCA-BE NOWCASTING SYSTEM</p> <p>1) Maarten Reyniers, 2) David Dehenauw, 3) Thomas Vanhamel</p> <p>1) Royal Meteorological Institute of Belgium, 2) Royal Meteorological Institute of Belgium, 3) Royal Meteorological Institute of Belgium</p>	Abstract ID: 13
panel 2	<p>COMPARISON OF HOMOGENEOUS AND VARIABLE ELEVATION SCANS ON THE UNCERTAINTY OF THE QUANTITATIVE PRECIPITATION ESTIMATION</p> <p>1) Markus Jessen, 2) Bruno Castro, 3) Thomas Einfalt</p> <p>1) hydro & meteo GmbH, 2) hydro & meteo GmbH, 3) hydro & meteo GmbH</p>	Abstract ID: 29
panel 3	<p>AUTOMATIC TRACKING OF TROPICAL CYCLONE CENTER USING OPTICAL FLOW TECHNIQUE COMBINED WITH THE KALMAN FILTER BASED ON WEATHER RADAR IMAGES</p> <p>1) Sun-Jin Mo, 2) Ji-Young Gu, 3) Bo-Young Ye, 4) Seungwoo Lee</p> <p>1) Weather Radar Center, Korea Meteorological Administration, South Korea, 2) Korea Meteorological Administration, 3) Weather Radar Center, Korea Meteorological Administration, South Korea, 4) Weather Radar Center, Korea Meteorological Administration, South Korea</p>	Abstract ID: 35
panel 4	<p>DETECTION OF CIRCULATION CENTROID IN MID-LATITUDE CYCLONE USING HIGH-RESOLUTION THREE-DIMENSIONAL WIND FIELDS DERIVED FROM NATIONWIDE WEATHER RADAR NETWORK</p> <p>1) Soyeon Park, 2) Kwang-Ho Kim, 3) Sung-Hwa Jung</p> <p>1) Weather Radar Center, Korea Meteorological Administration, South Korea, 2) Weather Radar Center, Korea Meteorological Administration, South Korea, 3) Weather Radar Center, Korea Meteorological Administration, South Korea</p>	Abstract ID: 36
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panel 6	<p>A HYDROMETEOR CLASSIFICATION METHOD FOR DUAL POLARIZATION WEATHER RADAR BASED ON GAUSSIAN MIXTURE MODEL USING BAYESIAN INFERENCE</p> <p>1) Takahisa Wada, 2) Yuta Ozawa, 3) Satoshi Kida, 4) Masakazu Wada, 5) Yasunori Nakagawa, 6) Osamu Yamanaka</p> <p>1) Infrastructure Systems Research and Development Center, Toshiba Infrastructure Systems & Solutions Corporation, 2) Infrastructure Systems Research and Development Center, Toshiba Infrastructure Systems & Solutions Corporation, 3) Toshiba Corporation, 4) Toshiba Corporation, 5) Toshiba Digital Solutions Corporation, 6) Infrastructure Systems Research and Development Center, Toshiba Infrastructure Systems & Solutions Corporation</p>	Abstract ID: 43
panel 7	<p>EXPLORING HEAVY RAINFALL EVENTS IN THE TROPICAL ANDES USING A SINGLE POLARIZATION X-BAND RADAR</p> <p>1) Diego Urdiales-Flores, 2) Nadav Peleg</p> <p>1) Institute of Earth Surface Dynamics, University of Lausanne, Lausanne, Switzerland, 2) Institute of Earth Surface Dynamics, University of Lausanne, Lausanne, Switzerland</p>	Abstract ID: 48
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panel 39	<p>DEVELOPMENT OF AN OBSERVATION OPERATOR FOR DUAL-POLARIZATION RADAR DATA ASSIMILATION</p> <p>1) <i>Ki-Hong Min, 2) Ji-Won Lee</i></p> <p>1) Department of Atmospheric Sciences, Kyungpook National University - BK21 Weather Extremes Education & Research Team - Center for Atmospheric Remote Sensing, 2) Department of Atmospheric Sciences, Kyungpook National University Center for Atmospheric Remote Sensing</p>	Abstract ID: 238
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panel 42	<p>SUB-GRID VARIABILITY IN LOCALIZED INTENSE RAIN EVENTS USING HIGH-RESOLUTION OPERATIONAL RADAR DATA IN SWITZERLAND</p> <p>1) <i>Adrien Liernur, 2) Marco Gabella, 3) Urs Germann, 4) Alexis Berne</i></p> <p>1) MeteoSwiss, Locarno-Monti, Switzerland - Environmental Remote Sensing Laboratory, École Polytechnique Fédérale de Lausanne, Switzerland -, 2) MeteoSwiss, Locarno-Monti, Switzerland , 3) MeteoSwiss, Locarno-Monti, Switzerland , 4) Environmental Remote Sensing Laboratory, École Polytechnique Fédérale de Lausanne, Switzerland</p>	Abstract ID: 247 Award candidate
panel 43	<p>NATIONAL SCALE DATA-DRIVEN CLASSIFICATION OF POLARISED WEATHER RADAR OBSERVATIONS IN THE UK</p> <p>1) <i>Maryna Lukach, 2) Mansi Mungee, 3) David Dufton, 4) Elizabeth J. Duncan, 5) Lindsay Bennett, 6) Freya I Addison, 7) William E. Kunin, 8) Christopher Hassall, 9) Ryan R. Neely III</i></p> <p>1) National Centre for Atmospheric Science - University of Leeds, UK -, 2) University of Leeds, UK , 3) University of Leeds , 4) University of Leeds , 5) University of Leeds , 6) University of Leeds , 7) University of Leeds , 8) University of Leeds , 9) University of Leeds</p>	Abstract ID: 251
panel 44	<p>ANALYSIS OF POTENTIAL EVAPORATION EFFECTS ON C-BAND WEATHER RADAR RAINFALL OBSERVATIONS IN A SEMI-ARID AREA</p> <p>1) <i>Francesc Polls, 2) Eric Peinó, 3) Mireia Udina, 4) Joan Bech</i></p> <p>1) Universitat de Barcelona , 2) Universitat de Barcelona , 3) Universitat de Barcelona , 4) Universitat de Barcelona - Water Research Institute, Universitat de Barcelona -</p>	Abstract ID: 254 Award candidate

panel 45	<p>RECENT UPDATES IN THE UNITED STATES MULTI-RADAR MULTI-SENSOR QPE SYSTEM</p> <p>1) <i>Jian Zhang</i>, 2) <i>Lin Tang</i>, 3) <i>Stephen Cocks</i>, 4) <i>Andrew Osborne</i>, 5) <i>Ami Arthur</i>, 6) <i>Carrie Langston</i></p> <p>1) National Severe Storms Lab, Norman, OK, USA , 2) University of Oklahoma, Norman, OK, USA , 3) University of Oklahoma, Norman, OK, USA , 4) National Severe Storms Lab, Norman, OK, USA , 5) University of Oklahoma, Norman, OK, USA , 6) University of Oklahoma, Norman, OK, USA</p>	Abstract ID: 260
panel 46	<p>COMPARISON OF SIMULATED AND OBSERVED RADAR DATA IN A TROPICAL MARITIME CONVECTION EVENT DURING THE 2022 PRECIP FIELD CAMPAIGN</p> <p>1) <i>Ting-Yu Cha</i>, 2) <i>Rosimar Rios-Berrios</i>, 3) <i>Wen-Chau Lee</i>, 4) <i>Christopher A. Davis</i></p> <p>1) National Center for Atmospheric Research, Boulder, CO, USA , 2) National Center for Atmospheric Research, Boulder, CO, USA , 3) National Center for Atmospheric Research, Boulder, CO, USA , 4) National Center for Atmospheric Research, Boulder, CO, USA</p>	Abstract ID: 261
panel 47	<p>ANALYSIS OF HAIL SIZE AND VERTICALLY INTEGRATED LIQUID DENSITY OVER LIGURIA REGION IN NORTHWESTERN ITALY</p> <p>1) <i>Antonio Iengo</i>, 2) <i>Marco Tizzi</i>, 3) <i>Francesco Silvestro</i></p> <p>1) Agenzia Regionale per la Protezione dell'Ambiente Ligure (ARPAL) , 2) Agenzia Regionale per la Protezione dell'Ambiente Ligure (ARPAL) , 3) CIMA Research Foundation</p>	Abstract ID: 263
panel 48	<p>A DEEP LEARNING MODEL WITH EXPLICIT TEMPORAL ENCODING FOR ENHANCING RAINFALL NOWCASTING</p> <p>1) <i>Ahmed Abdelhalim</i>, 2) <i>Miguel Rico-Ramirez</i>, 3) <i>weiru liu</i>, 4) <i>Dawei Han</i></p> <p>1) Department of Civil Engineering, University of Bristol, Bristol BS8 1TR, UK - Geology Department, Faculty of Science, Minia University, Minia 61519, Egypt - , 2) Department of Civil Engineering, University of Bristol, Bristol BS8 1TR, UK , 3) Department of Engineering Mathematics, University of Bristol, Bristol BS8 1TW, UK , 4) Department of Civil Engineering, University of Bristol, Bristol BS8 1TR, UK</p>	Abstract ID: 267
panel 49	<p>A MACHINE LEARNING APPROACH FOR QUANTITATIVE PRECIPITATION ESTIMATION IN THE OPERATIONAL CONTEXT OF SOUTHERN BRAZIL</p> <p>1) <i>Cesar Beneti</i>, 2) <i>Fernanda Verdelho</i>, 3) <i>Rodrigo Lins</i>, 4) <i>Leonardo Calvetti</i></p> <p>1) SIMEPAR - Environmental Technology and Monitoring Services, Curitiba, Brazil , 2) SIMEPAR - Environmental Technology and Monitoring Services, Curitiba, Brazil , 3) SIMEPAR - Environmental Technology and Monitoring Services, Curitiba, Brazil , 4) UFPEL - Federal University of Pelotas, Pelotas, Brazil</p>	Abstract ID: 269
panel 50	<p>SPATIAL ERROR IN QUANTITATIVE PRECIPITATION ESTIMATION ACCORDING TO RADAR OBSERVATION CHARACTERISTICS</p> <p>1) <i>Seokhwan Hwang</i>, 2) <i>Jungsoo Yoon</i>, 3) <i>Narae Kang</i>, 4) <i>Seokhyeon Kim</i></p> <p>1) KOREA INSTITUTE of CIVIL ENGINEERING and BUILDING TECHNOLOGY , 2) KOREA INSTITUTE of CIVIL ENGINEERING and BUILDING TECHNOLOGY , 3) KOREA INSTITUTE of CIVIL ENGINEERING and BUILDING TECHNOLOGY , 4) KOREA INSTITUTE of CIVIL ENGINEERING and BUILDING TECHNOLOGY</p>	Abstract ID: 290
panel 51	<p>OPTIMAL EXPLOITATION OF POLARIMETRY AND OBSERVATION ERROR COVARIANCES FOR PRECIPITATION-INDUCED FLOOD FORECAST (POLARFLOOD)</p> <p>1) <i>Sagar Pokale</i>, 2) <i>Silke Trömel</i>, 3) <i>Thomas Gastaldo</i>, 4) <i>Virginia Poli</i></p> <p>1) Meteorological Institute, University of Bonn, Bonn, Germany , 2) Meteorological Institute, University of Bonn, Bonn, Germany , 3) Arpa Emilia-Romagna, Hydro-Meteo-Climate Structure (Arpae-SIMC), Bologna, Italy , 4) Arpa Emilia-Romagna, Hydro-Meteo-Climate Structure (Arpae-SIMC), Bologna, Italy</p>	Abstract ID: 302
panel 52	<p>NOWCASTING OF RAINFALL IN THE TUSCANY TERRITORY</p> <p>1) <i>Alessandro Mazza</i>, 2) <i>Andrea Antonini</i>, 3) <i>Alberto Ortolani</i>, 4) <i>Samantha Melani</i></p> <p>1) LaMMA Consortium - CNR IBE - , 2) LaMMA Consortium , 3) LaMMA Consortium - CNR IBE - , 4) LaMMA Consortium - CNR IBE -</p>	Abstract ID: 315
panel 53	<p>CATCHING THE FIRST STAGES OF SUPERCELL STORMS OCCURRED IN NORTHERN ITALY ON JULY 2023 WITH RADAR, LIGHTNING AND NWCSAF SATELLITE DATA FOR EARLY WARNING PURPOSES</p> <p>1) <i>Miria Celano</i>, 2) <i>Valentina Campana</i>, 3) <i>Roberto Cremonini</i>, 4) <i>Pier Paolo Alberoni</i>, 5) <i>Silvia Puca</i></p> <p>1) Arpa Emilia-Romagna, Struttura Idro-Meteo-Clima, Bologna, Italy , 2) Arpa Piemonte, Dipartimento Rischi naturali e ambientali, Torino, Italy , 3) Arpa Piemonte, Dipartimento Rischi naturali e ambientali, Torino, Italy , 4) Arpa Emilia-Romagna, Struttura Idro-Meteo-Clima, Bologna, Italy , 5) Dipartimento di Protezione Civile Nazionale, Rome, Italy</p>	Abstract ID: 317
panel 54	<p>MERGING C-BAND AND X-BAND RADAR OBSERVATIONS IN THE ALPINE REGION</p> <p>1) <i>Renzo Bechini</i>, 2) <i>Valentina Campana</i>, 3) <i>Antioco Vargiu</i>, 4) <i>Orietta Cazzuli</i></p> <p>1) Arpa Piemonte , 2) Arpa Piemonte , 3) Arpa Lombardia , 4) Arpa Lombardia</p>	Abstract ID: 320
panel 55	<p>SEAMLESS ENSEMBLE RAINFALL FORECASTS WITH REAL-TIME EXTREMITY ASSESSMENT FOR SMALL CATCHMENTS</p> <p>1) <i>Christian Berndt</i>, 2) <i>Martin Rempel</i>, 3) <i>Markus Schultze</i>, 4) <i>Jan Bondy</i>, 5) <i>Ulrich Blahak</i></p> <p>1) Deutscher Wetterdienst , 2) Deutscher Wetterdienst , 3) Deutscher Wetterdienst , 4) Deutscher Wetterdienst , 5) Deutscher Wetterdienst</p>	Abstract ID: 323

panel 56	<p>DISTRIBUTING HYDROLOGICAL RADAR DATA PROCESSING THROUGH CLOUD COMPUTING: A CASE STUDY OF THE VEVA PROJECT'S PROCESSING CHAIN.</p> <p>1) <i>Rasmus Laversen</i>, 2) <i>Niels Ejnar Jensen</i> 1) VeVa Denmark, 2) Furuno Denmark A/S</p>	Abstract ID: 326
panel 57	<p>IMPACT OF LATENT HEAT NUDGING ON ICON MODEL FORECASTS</p> <p>1) <i>Virginia Poli</i>, 2) <i>Thomas Gastaldo</i>, 3) <i>Chiara Marsigli</i>, 4) <i>Enrico Minguzzi</i>, 5) <i>Davide Cesari</i>, 6) <i>Pier Paolo Alberoni</i> 1) Arpae Emilia-Romagna, Italy - ItaliaMeteo Agency, Italy -, 2) Arpae Emilia-Romagna, Italy - ItaliaMeteo Agency, Italy -, 3) Deutscher Wetterdienst, Germany - Arpae Emilia-Romagna, Italy - ItaliaMeteo Agency, Italy, 4) Arpae Emilia-Romagna, Italy, 5) Arpae Emilia-Romagna, Italy, 6) Arpae Emilia-Romagna, Italy</p>	Abstract ID: 329
panel 58	<p>DEVELOPMENT OF AN OPERATIONAL SYSTEM FOR QUANTITATIVE PRECIPITATION ESTIMATION FROM C-BAND POLARIMETRIC RADARS IN THE FRAMEWORK OF THE PREVENIR PROJECT IN ARGENTINA</p> <p>1) <i>Maite Cancelada</i>, 2) <i>Daichi Kitahara</i>, 3) <i>Paola Salio</i>, 4) <i>Luciano Vidal</i>, 5) <i>Martin Rugna</i>, 6) <i>Tomoo Ushio</i>, 7) <i>Takemasa Miyoshi</i>, 8) <i>Juan Ruiz</i>, 9) <i>Yanina García Skabar</i> 1) Universidad de Buenos Aires. Facultad de Ciencias Exactas y Naturales. Departamento de Ciencias de la Atmósfera y los Océanos. Buenos Aires, Argentina - Centro de Investigaciones del Mar y la Atmósfera. Buenos Aires, Argentina. Instituto Franco-Argentino de Estudios sobre el Clima y sus Impactos – IRL 3351 – CNRS-CONICET-IRD-UBA. Buenos Aires, Argentina -, 2) Osaka University, Osaka, Japan, 3) Universidad de Buenos Aires. Facultad de Ciencias Exactas y Naturales. Departamento de Ciencias de la Atmósfera y los Océanos. Buenos Aires, Argentina - Centro de Investigaciones del Mar y la Atmósfera. Buenos Aires, Argentina. Instituto Franco-Argentino de Estudios sobre el Clima y sus Impactos – IRL 3351 – CNRS-CONICET-IRD-UBA. Buenos Aires, Argentina -, 4) Servicio Meteorológico Nacional, Buenos Aires, Argentina, 5) Servicio Meteorológico Nacional, Buenos Aires, Argentina, 6) Osaka University, Osaka, Japan, 7) Riken, Kobe, Japan, 8) Universidad de Buenos Aires. Facultad de Ciencias Exactas y Naturales. Departamento de Ciencias de la Atmósfera y los Océanos. Buenos Aires, Argentina - Centro de Investigaciones del Mar y la Atmósfera. Buenos Aires, Argentina. Instituto Franco-Argentino de Estudios sobre el Clima y sus Impactos – IRL 3351 – CNRS-CONICET-IRD-UBA. Buenos Aires, Argentina -, 9) Servicio Meteorológico Nacional, Buenos Aires, Argentina</p>	Abstract ID: 330
panel 59	<p>COMPARISON OF THE DIFFERENT RADAR-RAIN GAUGE ADJUSTED PRODUCTS OF GERMANY</p> <p>1) <i>Matthias Gottschalk</i>, 2) <i>Katharina Lengfeld</i>, 3) <i>Elmar Weigl</i>, 4) <i>Malte Wenzel</i>, 5) <i>Tanja Winterrath</i> 1) Deutscher Wetterdienst, 2) Deutscher Wetterdienst, 3) Deutscher Wetterdienst, 4) Deutscher Wetterdienst, 5) Deutscher Wetterdienst</p>	Abstract ID: 342
panel 60	<p>ANALYSIS OF TRAJECTORY AND INTENSITY OF EXTREME RAINFALL IN THE TROPICAL ANDES BY USING AN X-BAND RADAR</p> <p>1) <i>Gabriela Urgilés</i>, 2) <i>Rolando Célleri</i>, 3) <i>Jörg Bendix</i>, 4) <i>Johanna Orellana-Alvear</i> 1) Departamento de Recursos Hídricos y Ciencias Ambientales, Universidad de Cuenca, Cuenca, Ecuador. - Facultad de Ingeniería, Universidad de Cuenca, Cuenca, Ecuador. -, 2) Departamento de Recursos Hídricos y Ciencias Ambientales, Universidad de Cuenca, Cuenca, Ecuador. - Facultad de Ingeniería, Universidad de Cuenca, Cuenca, Ecuador. -, 3) Laboratory for Climatology and Remote Sensing, Philipps-University Marburg, Marburg, Germany, 4) Departamento de Recursos Hídricos y Ciencias Ambientales, Universidad de Cuenca, Cuenca, Ecuador. - Facultad de Ciencias Médicas, Universidad de Cuenca, Cuenca, Ecuador -</p>	Abstract ID: 345 Online
panel 61	<p>SCALE-DEPENDENT EVALUATION OF DWD'S SEAMLESS SHORT-TERM FORECASTS OF CONVECTIVE PRECIPITATION</p> <p>1) <i>Martin Rempel</i>, 2) <i>Markus Schultze</i>, 3) <i>Ulrich Blahak</i> 1) Deutscher Wetterdienst, 2) Deutscher Wetterdienst, 3) Deutscher Wetterdienst</p>	Abstract ID: 354
panel 62	<p>RAIN, SNOW OR FREEZING RAIN? – RADAR-BASED SURFACE PRECIPITATION TYPE ANALYSIS AND VERIFICATION AT DWD</p> <p>1) <i>Markus Schultze</i>, 2) <i>Jörg Steinert</i>, 3) <i>Tim Böhme</i> 1) Deutscher Wetterdienst, 2) Deutscher Wetterdienst, 3) Deutscher Wetterdienst</p>	Abstract ID: 358
panel 63	<p>FIRST YEAR OF RADAR AND PRECIPITATION OBSERVATIONS AT THE ENEA STATION FOR CLIMATE OBSERVATION OF LAMPEDUSA</p> <p>1) <i>Giandomenico Pace</i>, 2) <i>Lorenzo De Silvestri</i>, 3) <i>Tatiana Di Iorio</i>, 4) <i>Paolo Grigioni</i>, 5) <i>Virginia Ciardini</i>, 6) <i>Claudio Scarchilli</i>, 7) <i>Damiano Sferlazzo</i> 1) ENEA, Observations and Measurements for Environment and Climate Laboratory, 2) ENEA, Observations and Measurements for Environment and Climate Laboratory, 3) ENEA, Observations and Measurements for Environment and Climate Laboratory, 4) ENEA, Observations and Measurements for Environment and Climate Laboratory, 5) ENEA, Observations and Measurements for Environment and Climate Laboratory, 6) ENEA, Observations and Measurements for Environment and Climate Laboratory, 7) ENEA, Observations and Measurements for Environment and Climate Laboratory</p>	Abstract ID: 359

panel 64	<p>WIND FIELD RECONSTRUCTION BY DOPPLER X-BAND RADARS IN MILAN METROPOLITAN AREA.</p> <p>1) <i>Antioco Vargiu</i>, 2) <i>Luca Baldini</i>, 3) <i>Elisa Adirosi</i>, 4) <i>Umberto Anselmi</i>, 5) <i>Giulio Camisani</i>, 6) <i>Gian Paolo Minardi</i>, 7) <i>Orietta Cazzuli</i></p> <p>1) Regional Environmental Protection Agency of Lombardy (ARPA Lombardia), Milan, Italy, 2) National Research Council of Italy, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Rome, Italy, 3) National Research Council of Italy, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Rome, Italy, 4) Regional Environmental Protection Agency of Lombardy (ARPA Lombardia), Milan, Italy, 5) Regional Environmental Protection Agency of Lombardy (ARPA Lombardia), Milan, Italy, 6) Regional Environmental Protection Agency of Lombardy (ARPA Lombardia), Milan, Italy, 7) Regional Environmental Protection Agency of Lombardy (ARPA Lombardia), Milan, Italy</p>	Abstract ID: 364
panel 65	<p>EXAMINING MACHINE LEARNING BASED QUANTITATIVE PRECIPITATION ESTIMATION OVER COMPLEX TERRAIN</p> <p>1) <i>EunYeol Kim</i>, 2) <i>V. Chandrasekar</i></p> <p>1) Colorado State University, 2) Colorado State University</p>	Abstract ID: 375
panel 66	<p>AN EVALUATION OF DWD'S LONG RUNNING ADJUSTMENT METHOD FOR THE REAL-TIME AND CLIMATOLOGICAL RADAR-BASED PRECIPITATION PRODUCTS</p> <p>1) <i>Tabea Wilke</i>, 2) <i>Katharina Lengfeld</i>, 3) <i>Thomas Junghänel</i>, 4) <i>Elmar Weigl</i></p> <p>1) Deutscher Wetterdienst, 2) Deutscher Wetterdienst, 3) Deutscher Wetterdienst, 4) Deutscher Wetterdienst</p>	Abstract ID: 97
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panel 67	<p>SETTING THE BASIS: EXPLORING Z-R RELATIONSHIPS IN X-BAND RADARS IN THE LOMBARDY REGION</p> <p>1) <i>Nicolás Andrés Chaves González</i>, 2) <i>Alessandro Ceppi</i>, 3) <i>Giovanni Ravazzani</i>, 4) <i>Carlo De Michele</i></p> <p>1) Politecnico di Milano, 2) Politecnico di Milano, 3) Politecnico di Milano, 4) Politecnico di Milano</p>	Abstract ID: 224
panel 68	<p>CLASSIFICATION OF CONVECTIVE SYSTEMS YIELDING TORNADOES IN JAPAN</p> <p>1) <i>Taisei Shibayama</i>, 2) <i>Koji Sassa</i></p> <p>1) Kochi University, 2) Kochi University</p>	<p>Abstract ID: 286</p> <p style="text-align: center;">Award candidate</p>
panel 69	<p>QUALITY MAPS FOR HAIL MONITORING AND HAIL ANALYSES AND A LONG-TERM HAIL SIZE ARCHIVE FOR AUSTRIA</p> <p>1) <i>Vera Katharina Meyer</i>, 2) <i>Lukas Tüchler</i></p> <p>1) GeoSphere Austria, 2) Austro Control GmbH</p>	Abstract ID: 301
panel 70	<p>RADAR CHARACTERISTICS OF WIND HAZARDS ASSOCIATED WITH DEEP MOIST CONVECTION</p> <p>1) <i>Miloslav Staněk</i>, 2) <i>Filip Najman</i>, 3) <i>Jan Horák</i></p> <p>1) Meteopress - Charles University, Faculty of Science -, 2) Meteopress, 3) Meteopress</p>	Abstract ID: 336
panel 71	<p>A RADAR FOR WEATHER MONITORING IN AMAZON BASIN MINING CHAIN</p> <p>1) <i>Ivan Saraiva</i>, 2) <i>Douglas Batista da Silva Ferreira</i>, 3) <i>Ana Paula Paes dos Santos</i>, 4) <i>Paulo Afonso Fischer Kuhn</i>, 5) <i>Cláudia Priscila Wanzeler da Costa</i>, 6) <i>Renata Gonçalves Tedeschi</i>, 7) <i>Eduardo Carvalho</i>, 8) <i>Fabrcio Oliveira Silva</i>, 9) <i>Edmir dos Santos Jesus</i></p> <p>1) Operations and Management Center of the Amazon Protection System, 2) Vale Technological Institute, 3) Vale Technological Institute, 4) Federal University of Pará, 5) Vale Technological Institute, 6) Vale Technological Institute, 7) Vale Technological Institute, 8) Vale Technological Institute, 9) Vale Technological Institute</p>	Abstract ID: 367