

# ECSS 2002 program (version: 25 August 2002)

Start	End	Presentation - [abstract ID number] <i>author(s):</i> title of the presentation
<b>Monday, August 26<sup>th</sup></b>		
09:00	10:00	<i>Welcome coffee</i>
10:00	10:30	<b>Opening of the Conference</b>
<b>Session 1: Introductory presentation, climatology, statistics reliability</b>		
10:30	11:30	[54] <i>Doswell C.:</i> Lessons learned about the societal impacts of severe thunderstorms and tornadoes (invited presentation)
11:30	12:10	[43] <i>Dotzek N., Grieser J., Brooks H.:</i> Estimation of tornado intensity distribution shape for determination of violent tornado risk and total tornado number
12:10	12:30	Organizational and administrative notes
12:30	14:00	<i>Lunch (1)</i>
14:00	14:40	[35] <i>Snow J.T., Jones T., McGrath K.:</i> Toward a radar-based climatology of mesocyclones
14:40	15:10	[11] <i>Brooks H.E., Craven J.P., Lee J.W.:</i> Synthetic severe weather climatologies from sounding parameters
15:10	16:30	<i>Coffee Break and Poster Presentations (1)</i>
	sess.1	[24] <i>Bielec-Bąkowska Z.:</i> Long-term variability of thunderstorms' occurrence in Poland in 20th century
	sess.2	[09] <i>Brázdil R., Dobrovolný P.:</i> Documentary evidence on severe convective storms in the Czech Lands since 1000 A.D.
	sess.2	[30] <i>Sokol A.:</i> Possible tornado occurrence in Budatinska Lehota village on 19th March 2001
	sess.2	[50] <i>Nordio S., Stefanuto L., Stel F.:</i> Severe weather events in the plain of Friuli Venezia Giulia (Italy)
	sess.2	[67] <i>Walker A., Schmid W.:</i> Funnels and whirls, generated by wind gusts
	sess.2	[84] <i>Marcioniene I.:</i> Tornadoes in Lithuania
	sess.3	[32] <i>Betts N.L.:</i> Severe thunderstorm activity over Northern Ireland, 25/26 July 1985
	sess.3	[36] <i>Počkal D., Štálec J.:</i> Statistical analysis of hail characteristics in hail protected part of Croatia using data from hail suppression launching stations
	sess.3	[41] <i>Mossmann V., Castro A., Fraile R., Sánchez J.L.:</i> Detection of statistically significant trends in the summer precipitation of the Iberian Peninsula
	sess.3	[60] <i>Kovačić T.:</i> An attempt to evaluate the hail suppression in Croatia
16:30	16:50	[05] <i>Sárközi S.:</i> A homogenous approach in tornado climatology of Hungary for the recent five-year period (1996-2001) based on official damage reports
16:50	17:10	[13] <i>Tyrrell J.:</i> A tornado climatology for Ireland
<b>Session 2: Tornadoes and downbursts - case studies, statistics</b>		
17:10	17:30	[02] <i>Leitão P.:</i> Tornadoes in Portugal
17:30	17:50	[15] <i>Homar V., Gayà M., Romero R., Ramis C., Alonso S.:</i> Tornadoes over complex terrain: an analysis of the 28th August 1999 tornadic event in eastern Spain
<i>Free evening ...</i>		
<b>Tuesday, August 27<sup>th</sup></b>		
09:00	09:20	[38] <i>Kuiper J.:</i> Damage survey of July 17th 1987 tornado in the Netherlands and the profits of a large spotter-network in 2002
09:20	09:40	[64] <i>Schmid W., Wüest M., Walker A.:</i> Tornadic storms in Switzerland
09:40	10:00	[45] <i>Dotzek N., Lang P., Hoeller H., Hellmiss W.:</i> Analysis of downburst-producing thunderstorms on 23 March and 3 August 2001 over southern Germany using radar, aircraft, and hail swath data
10:00	10:20	[46] <i>Setvák M., Šálek M.:</i> Tornadoes in the Czech Republic, years 2000 and 2001: significant increase of documented cases
10:20	11:00	<i>Coffee Break</i>
11:00	11:20	[17] <i>Bertato M., Gaiotti D.B., Manzato A., Stel F.:</i> An interesting case of tornado in Friuli
11:20	11:40	[03] <i>Simon A.:</i> Research of downbursts in Slovakia
11:40	12:00	[04] <i>Sárközi S.:</i> Aircraft accident and disaster due to burst strikes in Hungary
12:00	12:20	[59] <i>Sioutas M.V.:</i> Tornado and waterspout events in Greece
12:30	14:00	<i>Lunch (2)</i>
14:00	14:20	[68] <i>Teittinen J.:</i> Case studies of three tornadoes in Finland
14:20	14:40	[07] <i>Tooming H.:</i> Strong tornadoes in Estonia
14:40	15:00	[85] <i>Alexeeva A.A., Gorlach I.A., Zhelnin A.A.:</i> Case study of severe convective storm in Moscow on 24 July 2001

<b>Session 3:</b>		<b>Flash floods, heavy rain events, hail and hailstorms, winter thunderstorms</b>
15:00	15:20	[63] <i>Beatty K.</i> : The use of hail climatology in catastrophe loss modeling - a U.S. methodology and the potential for application in Europe
<b>15:20</b>	<b>16:30</b>	<b>Coffee Break and Poster Presentations (2)</b>
	sess.3	[74] <i>Kolendowicz L.</i> : Thunderstorms in winter and summer months in Poland and macro scale circulation conditions
	sess.3	[75] <i>Munzar J., Franc M.</i> : Winter thunderstorms in central Europe in the past and in the present time
	sess.3	[81] <i>Bartosik, B.</i> : The event of winter storm in Poland
	sess.4	[21] <i>Dorman B., Kryvobok O., Bakhanov V.</i> : Microphysical models of winter frontal clouds and numerical simulation of cloud microstructure effect on satellite signal
	sess.4	[22] <i>Kryvobok O., Bakhanov V., Dorman B.</i> : Analysis of cloud parameters derived from multispectral satellite images in cloud systems giving heavy precipitation over Ukraine
	sess.4	[27] <i>Kolev S.</i> : One possible approach in determining the later thunderstorm lightning activity on the base of the inductive mechanism of electrification
	sess.4	[31] <i>Lakshmanan V., Rabin R., DeBrunner V.</i> : Hierarchical texture segmentation of weather radar and satellite images
	sess.4	[51] <i>Svabik O.</i> : Documentation of severe convective storms using radar images and corresponding hail pad data of two target areas in Austria
	sess.4	[61] <i>Struzik P.</i> : The severe storms in Poland in the light of satellite information - selected cases of
16:30	16:50	[10] <i>Fraile R., Berthet C., Dessens J.</i> : Embryonic European hail climatology: return periods of severe hailfalls in southwestern France
16:50	17:10	[26] <i>Gaiotti D., Nordio S., Stel F.</i> : The climatology of hail in the plain of Friuli Venezia Giulia (Italy)
17:10	17:30	[77] <i>Tudurí E., López L., García E., Sánchez J.L., Ramis C.</i> : The 14 July 2001 hailstorm in northeastern Spain: diagnosis of the meteorological situation
<b>20:00</b>	<b>23:00</b>	<b>Conference Dinner (Průhonice)</b>
<b>23:20</b>	<b>~ 1:00</b>	<b>Launch of MSG-1 (live video transmission)</b>
<b>Wednesday, August 28<sup>th</sup></b>		
09:30	09:50	[14] <i>Castro A., Fraile R., Sánchez J.L., López L., Dessens J.</i> : The influence of melting on hailstone size distribution
09:50	10:10	[08] <i>Saunders C.P.R., Avila E.E., Castellano N.E., Norman H.</i> : The effect of cloud properties on the charging of hailstones
10:10	10:30	[37] <i>Iršič M.</i> : Analysis of severe storm case over Slovenia with the purpose of verification of operational forecasts
<b>10:30</b>	<b>11:10</b>	<b>Coffee Break</b>
<b>Session 4:</b>		<b>Radar and satellite observations, lightning detection</b>
11:10	11:30	[20] <i>Martin F., Carretero O., San Ambrosio I., Elizaga F.</i> : Identification and analysis of a supercell storm in the Mediterranean area from radar-based perspective
11:30	11:50	[42] <i>López L., Tudurí E., García E., Marcos J.L., Vega A., Massot M., Fraile R., Ramis C., Sánchez J.L.</i> : Analysis of radar variables in hailstorms
11:50	12:10	[80] <i>Soula S., Seity Y., Feral L., Sauvageot H.</i> : Compared analysis of cloud-to-ground lightning activity in hail-bearing cells and heavy precipitation-producing cells
12:10	12:30	[40] <i>Fernández M.V., Torá M., Sánchez J.L.</i> : Analysis of convective systems with hail precipitation in the Ebro Valley by means of IR images from the Meteosat
<b>12:30</b>	<b>14:00</b>	<b>Lunch (3)</b>
14:00	14:20	[66] <i>Krennert T., Zwatz-Meise V.</i> : Initiation of convective cells in relation to water vapour boundaries in satellite images
14:20	14:40	[01] <i>Georgiev C.G.</i> : Use of Meteosat WV data for monitoring moisture changes in the environment of a tornado-producing storm
14:40	15:00	[12] <i>Setvák M., Rabin R.</i> : Multispectral observations of convective storm tops including the 1.6 µm band
15:00	15:20	[58] <i>Melani S., Cattani E., Cervino M., Levizzani V.</i> : Characterization of plumes on top of deep convective storm using AVHRR imagery and radiative model simulations
15:20	16:00	[57] <i>Levizzani V., Amorati R., Alberoni P.P., Pinori S., Dietrich S., Adamo C., Mugnai A., Iocca F., Guerrieri L., Turk J.F., Tripoli G.J., Smith E.A.</i> : Multisensor studies of heavy precipitation events during
<b>16:00</b>	<b>17:00</b>	<b>Coffee Break and Poster Presentations (3)</b>
	sess.4	[71] <i>Kráčmar J., Novák P.</i> : Weather radar data for operational meteorology in the Czech Republic
	sess.4	[72] <i>Novák P., Kráčmar J.</i> : Enhancement of storm detection capability of Czech weather radar network
	sess.4	[73] <i>Novák P.</i> : JsMeteoView - web-based viewer of remote-sensing data

	sess.4	[82] <i>Tomás C., de Pablo F., Rivas L., Fraile R.:</i> Cloud-to-ground lightning flashes and circulation weather types over Iberian peninsula
	sess.4	[83] <i>Kondratiev A., Chichkova E.:</i> Detection and analysis of severe convective phenomenon in summer time using multispectral satellite data
<b>17:00 21:30 Sightseeing and Cultural Program (optional)</b>		
<b>Thursday, August 29<sup>th</sup></b>		
<b>Session 5: Storm environment and soundings, mesoscale and synoptic-scale processes, orography</b>		
09:00	09:20	[55] <i>Doswell C., Evans J.S.:</i> Proximity sounding analysis for derechos and supercells - Similarities and differences
09:20	09:40	[44] <i>Groenland R.:</i> A bow-echo event on a squall line in the Netherlands
09:40	10:00	[52] <i>Stan-Sion A., Martin-Leon F., Soci C.:</i> Mesoscale features and climatology of severe convective storms in the southern part of Romania
10:00	10:20	[16] <i>Romero R., Homar V., Ramis C., Alonso S.:</i> Baroclinic and diabatic regulation of the 10-12 November 2001 superstorm in the Balearics
<b>10:20</b>	<b>11:00</b>	<b>Coffee Break</b>
11:00	11:20	[34] <i>Manzato A.:</i> A climatology of instability indices derived from Friuli-Venezia Giulia soundings, using three different methods
11:20	11:40	[47] <i>van Delden A.J.:</i> Forward sloping cold fronts and thunderstorms
11:40	12:00	[39] <i>Meaden G.T., Bolton N., Elsom D.M., Gilbert A., Matthews P., Reynolds D.J., Rowe M.W.:</i> Influence of an island land mass on the frequency of waterspout and tornado formation in its vicinity
12:00	12:20	[79] <i>Simeonov P., Georgiev C.G.:</i> Severe wind- and hailstorms over Bulgaria in the 1999-2001 period: synoptic- and meso-scale factors for generation
<b>12:30</b>	<b>14:00</b>	<b>Lunch (4)</b>
<b>Session 6: Numerical modelling</b>		
14:00	14:20	[18] <i>Wobrock W., Saugues C., Flossmann A.I.:</i> The role of microphysical parameterisations and model grid size on the formation of extensive precipitation events in southern France
14:20	14:40	[53] <i>Frank H.P.:</i> Early warning capabilities of the global model GME of DWD
14:40	15:00	[70] <i>Řezáčová D., Sokol Z.:</i> Diagnostic studies of severe convective precipitation events by local non-hydrostatic NWP model - a summary of results related to the Czech territory
15:00	15:20	[65] <i>Schulz J.P., Doms G.:</i> Simulating the storm on 10-11 November 2001 in the Western Mediterranean with the Lokal-Modell of the Deutscher Wetterdienst
<b>15:20</b>	<b>16:30</b>	<b>Coffee Break and Poster Presentations (4)</b>
	sess.5	[23] <i>Bakhanov V., Manzhara O., Kolezhuk V.:</i> Mesoscale structure of frontal winter cloud systems over Ukraine and heavy precipitation formation
	sess.5	[33] <i>Manzato A.:</i> Evaluating the sounding instability with the Lifted Parcel Theory
	sess.5	[62] <i>Kaltenböck R.:</i> The outbreak of severe storms along convergence lines northeast of the Alps. Cases study of the 17 May 2001 supercell and the 3 August 2001 mesoscale convective system with a pronounced bow echo
	sess.5	[69] <i>Pešice P., Sulan J., Řezáčová D.:</i> Analysis of convection precursors in the Czech territory
	sess.7	[76] <i>Kašpar M.:</i> Preliminary analyses of well-defined gust fronts by means of local NWP model outputs
<b>Session 7: Forecasting, nowcasting and warnings; insurance claims</b>		
16:30	17:00	[78] <i>Bolton N., Elsom D.M., Meaden G.T.:</i> Forecasting tornadoes in the United Kingdom
17:00	17:20	[48] <i>Haklander A., van Delden A.J.:</i> The performance of thunderstorm-indicators in thunderstorm-
17:20	17:40	[56] <i>Roberts S.K., Elsom D.M.:</i> Analysis of storm insurance claims in the United Kingdom, 1997-2001
<b>Free evening ...</b>		
<b>Friday, August 30<sup>th</sup></b>		
09:00	09:40	[28] <i>Stumpf G.J.:</i> The National Severe Storms Laboratory's contribution to severe weather warning improvement
09:40	10:00	[19] <i>Elizaga F., Martín F., San Ambrosio I., Carretero O.:</i> Operational forecasting of severe convective storms at the Spanish Meteorological Service (INM)
10:00	10:20	[25] <i>Horváth Á., Geresdi I.:</i> Nowcasting of severe convective storms in the Carpathian Basin
<b>10:20</b>	<b>11:00</b>	<b>Coffee Break</b>
11:00	11:45	Panel discussion
11:45	12:30	Final discussions, closure of the conference
<b>12:30</b>	<b>14:00</b>	<b>Lunch (5)</b>
<b>15:00</b>	<b>17:00</b>	<b>Visit to the CHMI Forecast Center (optional)</b>