

Day	Date	Start Time	End Time	Conference Session	Country	Presenter	Authors	Abstract Title
Monday	21-Apr-08	8:00	8:10	2008 ILDC Conference Welcome	USA	Demetriades	N.W.S. Demetriades	Welcome & Daily Update
Monday	21-Apr-08	8:10	8:40	Key Note	USA	Krider	E.P. Krider	Welcome Speech
Monday	21-Apr-08	8:40	9:10	Key Note2	USA	Rakov	V.A. Rakov	Welcome Speech 2
Monday	21-Apr-08	9:10	11:10	Session Chair: Detection Technology	USA	Krehbiel	P. Krehbiel	
Monday	21-Apr-08	9:10	9:30	Detection Technology	Brazil	Pinto, Jr.2	O. Pinto, Jr.	An overview of cloud-to-ground lightning research in Brazil in the last two decades
Monday	21-Apr-08	9:30	9:50	Detection Technology	USA	Solakiewicz	R. Solakiewicz, W. Koshak	Potential use of a Bayesian network for discriminating flash type from future GOES-R Geostationary Lightning Mapper (GLM) data
Monday	21-Apr-08	9:50	10:10	Morning Break & Vaisala Technology Showcase				
Monday	21-Apr-08	10:10	10:30	Detection Technology	USA	Beasley2	W.H. Beasley, D.M. Jordan	A lightning flash as seen by video, Oklahoma Lightning Mapping Array, the National Lightning Detection Network and the Los Alamos Sferics Array
Monday	21-Apr-08	10:30	10:50	Detection Technology	Brazil	Pinto, Jr.3	O. Pinto, Jr.	The main advances and the most common misleading applications related to lightning location system data
Monday	21-Apr-08	10:50	11:10	Detection Technology	Japan	Suzuki	M. Shimizu, F. Suzuki, S. Yokoyama	Estimation of charge during a lightning flash using electric field measurement
Monday	21-Apr-08	11:10	12:10	Session Chair: Validation	Brazil	Naccarato	K.P. Naccarato	
Monday	21-Apr-08	11:10	11:30	Validation	USA	Cummins	K. Cummins, M. Murphy, N. Demetriades, B. Pifer, A. Pessi, S. Businger	Modeling and calibration of Vaisala's operational long range lightning detection network
Monday	21-Apr-08	11:30	11:50	Validation	UK	Bennett	C. Gaffard, J. Nash, N. Atkinson, A. Bennett, G. Callaghan, E. Hibbett, P. Taylor, M. Turp, W. Schulz	Observing lightning around the globe from the surface
Monday	21-Apr-08	11:50	12:10	Validation	USA	Krehbiel	P. Krehbiel, W. Rison, R. Thomas, N. O'Connor	Comparison of LMA and LDAR-II observations in the Dallas-Ft. Worth LDAR-II network
Monday	21-Apr-08	12:10	13:10	Lunch Break & Vaisala Technology Showcase				
Monday	21-Apr-08	13:10	14:50	Session Chair: Network Performance	Sweden	Cooray	V. Cooray	
Monday	21-Apr-08	13:10	13:30	Network Performance	Austria	Schulz	W. Schulz, K. L. Cummins	A method to determine relative stroke detection efficiencies from multiplicity distributions
Monday	21-Apr-08	13:30	13:50	Network Performance	Brazil	Naccarato2	K.P. Naccarato, O. Pinto Jr.	Comparison of LS7000 and IMPACT sensor performance in Paraiba Valley (São Paulo) during the summer of 2007/2008.
Monday	21-Apr-08	13:50	14:10	Network Performance	Poland	Loboda	M. Loboda, H.D. Betz, K. Schmidt, W.P. Oettinger, Z. Dziejewit	Lightning detection with LINET
Monday	21-Apr-08	14:10	14:30	Network Performance	Brazil	Naccarato1	K.P. Naccarato, O. Pinto Jr.	The third generation relative detection efficiency model for the Brazilian lightning detection network (BrasIDAT)
Monday	21-Apr-08	14:30	14:50	Network Performance	France	Lojou	J.-Y. Lojou, N.W.S. Demetriades, M.J. Murphy, M. Pezze	VHF total lightning mapping network in Tucson: Very first data aquired
Monday	21-Apr-08	14:50	15:10	Afternoon Break & Vaisala Technology Showcase				
Monday	21-Apr-08	15:10	16:30	Session Chair: Protection & Risk	USA	Rakov	V. Rakov	
Monday	21-Apr-08	15:10	15:30	Protection & Risk	China	Tong	T. Chong	Research and application of active lightning protection technology
Monday	21-Apr-08	15:30	15:50	Protection & Risk	Brazil	Garcia	A.R. Nobrega	Lightning protection of lightning location system facilities in Brazil
Monday	21-Apr-08	15:50	16:10	Protection & Risk	Sri Lanka	Kumarasinghe	N. Kumarasinghe	A low cost lightning protection system and its effectiveness
Monday	21-Apr-08	16:10	16:30	Protection & Risk	Budapest	Gulyas	A. Gulyas, I. Kiss	High reliability preventive lightning protection
Monday	21-Apr-08	18:00	20:00	Welcome Reception at Marriott				

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Tuesday	22-Apr-08	8:00	8:10	ILDC Welcome & Daily Update	USA	Demetriades	N.W.S. Demetriades	Welcome & Daily Update
Tuesday	22-Apr-08	8:10	11:40	Session Chair: Human Impacts	USA	Lyons	W. Lyons	
Tuesday	22-Apr-08	8:10	8:40	Human Impacts	USA	Cooper1	M.A. Cooper	How lightning kills and injures (and why we don't know more about it)
Tuesday	22-Apr-08	8:40	9:00	Human Impacts	Canada	Mills	B. Mills, K. Spring, D. Chretien	A review of lightning impacts in Canada
Tuesday	22-Apr-08	9:00	9:20	Human Impacts	Romania	Marin	R. Marin	Lightning situation in Romania
Tuesday	22-Apr-08	9:20	9:40	Human Impacts	USA	Roeder2	W.P. Roeder	Recent updates in lightning safety
Tuesday	22-Apr-08	9:40	10:00	Human Impacts	USA	Cooper2	M.A. Cooper, A. Ramati, J. Fink, K. Kelley, E. Bodnar, R.C. Lee, N.H. Pliskin	Recent advances in understanding the neurobehavioral aspects of electrical injury
Tuesday	22-Apr-08	10:00	10:20	Morning Break & Vaisala Technology Showcase				
Tuesday	22-Apr-08	10:20	10:40	Human Impacts	USA	Holle	R.L. Holle	Annual rates of lightning fatalities by country
Tuesday	22-Apr-08	10:40	11:00	Human Impacts	USA	Jensenius	J. Jensenius, D. Franklin	Lightning Kills – Play It Safe -- NOAA's continuing efforts to educate the public on lightning and lightning safety
Tuesday	22-Apr-08	11:00	11:20	Human Impacts	USA	Cooper4	M.A. Cooper, R.L. Holle, C. Andrews	Distribution of lightning injury mechanisms
Tuesday	22-Apr-08	11:20	11:40	Human Impacts	USA	Roeder3	W.P. Roeder	Short notice outdoor lightning risk reduction - evaluating its performance and discussion on why it should not be taught
Tuesday	22-Apr-08	11:40	12:40	Lunch Break & Vaisala Technology Showcase				
Tuesday	22-Apr-08	12:40	14:40	Session Chair: Atmospheric Physics	Japan	Ishii	M. Ishii	
Tuesday	22-Apr-08	12:40	13:00	Atmospheric Physics	Sweden	Cooray	V. Cooray, K.L. Cummins	Propagation effects caused by stratified ground on electromagnetic fields of return strokes
Tuesday	22-Apr-08	13:00	13:20	Atmospheric Physics	USA	MacGorman2	D. MacGorman, T. Mansell, C. Ziegler, J. Straka, E.C. Bruning	Detailed storm simulations by a numerical cloud model with electrification and lightning parameterizations
Tuesday	22-Apr-08	13:20	13:40	Atmospheric Physics	Japan	Michishita	K. Michishita, M. Ikuta	Characteristics of vertical e-field waveforms associated with return-strokes on southeastern sea of Kyushu in Japan
Tuesday	22-Apr-08	13:40	14:00	Atmospheric Physics	Brazil	Saraiva	A.C.V. Saraiva, M.M.F. Saba, L.Z.S. Campos, O. Pinto Jr., K.L. Cummins, E.P. Krider, S.A. Fleenor	Properties of negative cloud-to-ground lightning from high speed video observations in Arizona, USA and São Paulo, Brazil
Tuesday	22-Apr-08	14:00	14:20	Atmospheric Physics	Brazil	Gin1	R.B.B. Gin, C. Beneti, A.P. Filho, B. Hernandez, M. Kawano	Long continued luminosity of cloud-to-ground flashes observations on summer thunderstorm, Brazil
Tuesday	22-Apr-08	14:20	14:40	Atmospheric Physics	USA	Lyons	W.A. Lyons, J. Meyer, M. Stanley, T.E. Nelson, S.R. Rutledge, T. Lang, S.A. Cummer	The use of impulse charge moment changes to predict sprites in mesoscale convective systems
Tuesday	22-Apr-08	14:40	15:00	Afternoon Break & Vaisala Technology Showcase				
Tuesday	22-Apr-08	15:00	16:00	Session Chair: Utility Applications	USA	Grogan	M. Grogan	
Tuesday	22-Apr-08	15:00	15:20	Utility Applications	Slovenia	Djurica	V. Djurica, J. Kosmač, G. Milev	A multi-power line corridor and lightning error ellipse spatial processor for real-time correlator
Tuesday	22-Apr-08	15:20	15:40	Utility Applications	South Africa	Evert	R. Evert	Amending electric power utility insulation coordination procedures to incorporate accurate lightning data
Tuesday	22-Apr-08	15:40	16:00	Utility Applications	Brazil	Garcia	R. Fraga Abdo, S.A. de Melo Garcia	Support system for outages caused by lightning evaluation (SAAD)
Tuesday	22-Apr-08	17:30	18:30	Vaisala Network Control Center (NCC) Tour				

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Wednesday	23-Apr-08	8:10	10:00	Session Chair: High Current	Austria	Schulz	W. Schultz	
Wednesday	23-Apr-08	8:10	8:40	High Current	Japan	Ishii	M. Ishii, M. Saito, A. Sugita, N. Itamoto	High current upward lightning discharges in winter observed by JLDN
Wednesday	23-Apr-08	8:40	9:00	High Current	Austria	Diendorfer	G. Diendorfer, W. Schulz	Critical analysis of LLS detected very large peak current lightning strokes
Wednesday	23-Apr-08	9:00	9:20	High Current	Brazil	Zepka1	G. Zepka, O. Pinto Jr.	About the peak currents above 300 kA observed by lightning location systems
Wednesday	23-Apr-08	9:20	9:40	High Current	Canada	Kochtubadja	B. Kochtubadja, W.R. Burrows, B.E. Power	Large current lightning flashes in Canada: 1999-2006
Wednesday	23-Apr-08	9:40	10:00	High Current	Brazil	Pinto	I.R.C.A. Pinto, O. Pinto, Jr., D.R. de Campos, K.P. Naccarato	Large peak current cloud-to-ground lightning flashes in southeastern Brazil
Wednesday	23-Apr-08	10:00	10:20	Morning Break & Vaisala Technology Showcase				
Wednesday	23-Apr-08	10:20	12:20	Session Chair: Safety Warning Systems	Canada	Burrows	W. Burrows	
Wednesday	23-Apr-08	10:20	10:40	Safety Warning Systems	Spain	Montanya	J. Montanya, D. Aranguren, N. Pineda, G. Sola, D. Romero, V. March	Total lightning, electrostatic field and meteorological radar applied to lightning hazard warning
Wednesday	23-Apr-08	10:40	11:00	Safety Warning Systems	USA	Stano	G.T. Stano, H.E. Fuelberg, W.P. Roeder	An empirical lightning cessation forecast scheme at the Cape Canaveral Air Station and the Kennedy Space Center
Wednesday	23-Apr-08	11:00	11:20	Safety Warning Systems	USA	Murphy	M.J. Murphy, R.L. Holle, N.W.S. Demetriades	Cloud-to-ground lightning warnings using electric field mill and lightning observations
Wednesday	23-Apr-08	11:20	11:40	Safety Warning Systems	China	Qing	Q. Meng	Verification and evaluation of lightning probability with application of lightning nowcasting and warning system
Wednesday	23-Apr-08	11:40	12:00	Safety Warning Systems	USA	Beasley1	W.H. Beasley, D.E. Williams, P.T. Hyland	Analysis of surface electric-field contours in relation to cloud-to-ground lightning flashes in air-mass thunderstorms at the Kennedy Space Center
Wednesday	23-Apr-08	12:00	12:20	Safety Warning Systems	USA	Roeder1	W.P. Roeder	Lightning safety research requirements
Wednesday	23-Apr-08	12:20	13:20	Lunch Break & Vaisala Technology Showcase				
Wednesday	23-Apr-08	13:20	17:00	Session Chair: Special Session Honoring USA Dr. Krider & ILDC 20th Event	USA	Betterton	E. Betterton	
Wednesday	23-Apr-08	13:20	13:40	Special Session Honoring Dr. Krider & ILDC 20th Event	USA	Betterton	E. Betterton	Special Session Welcome
Wednesday	23-Apr-08	13:40	14:00	Special Session Honoring Dr. Krider & ILDC 20th Event	USA	Noggle	C. Noggle	Lightning damage to saguaro cactus
Wednesday	23-Apr-08	14:00	14:20	Special Session Honoring Dr. Krider & ILDC 20th Event	USA	Ward2	J.G. Ward, K.L. Cummins, E.P. Krider	Comparison of the KSC-ER Cloud-to-Ground Lightning Surveillance System (CGLSS) and the U.S. National Lightning Detection Network (NLDN)
Wednesday	23-Apr-08	14:20	14:40	Special Session Honoring Dr. Krider & ILDC 20th Event	USA	Scheftic	W. Scheftic, K.L. Cummins, E.P. Krider, B.K. Sternberg, D. Goodrich, S. Moran, R. Scott	Wide-area soil moisture estimation using the propagation of lightning generated low-frequency electromagnetic signals
Wednesday	23-Apr-08	14:40	15:00	Special Session Honoring Dr. Krider & ILDC 20th Event	Brazil	Saba	M.M.F. Saba, K.L. Cummins, T.A. Warner, E.P. Krider, L.Z.S. Campos, M.G. Ballarotti, O. Pinto, Jr., S.A. Fleenor	Positive leader characteristics from high-speed video observations
Wednesday	23-Apr-08	15:00	15:20	Afternoon Break & Vaisala Technology Showcase				
Wednesday	23-Apr-08	15:20	15:40	Special Session Honoring Dr. Krider & ILDC 20th Event	USA	Fleenor2	S.A. Fleenor, C.J. Biagi, K.L. Cummins, E.P. Krider	Characteristics of cloud-to-ground lightning in the Great Plains
Wednesday	23-Apr-08	15:40	16:00	Special Session Honoring Dr. Krider & ILDC 20th Event	Brazil	Pinto, Jr.	L.Z.S. Campos, M.M.F. Saba, K.L. Cummins, O. Pinto, Jr., E.P. Krider, S.A. Fleenor	Waveshapes of continuing currents from negative and positive cloud-to-ground flashes observed in southern Arizona
Wednesday	23-Apr-08	16:00	16:20	Special Session Honoring Dr. Krider & ILDC 20th Event	USA	Ward1	J.G. Ward, K.L. Cummins, E.P. Krider	Classification of small negative lightning reports at the KSC-ER
Wednesday	23-Apr-08	16:20	16:40	Special Session Honoring Dr. Krider & ILDC 20th Event	USA	Fleenor1	S.A. Fleenor, K.L. Cummins, E.P. Krider	Observations of cloud-to-ground lightning in the Great Plains
Wednesday	23-Apr-08	16:40	17:00	Special Session Honoring Dr. Krider & ILDC 20th Event	USA	Krider	E.P. Krider	Special Session Closing
Wednesday	23-Apr-08	18:00	20:00	Networking Event at University of Arizona's Flandrau Science Center				