

SUNDAY, 24 July 2016

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16:00-20:00 **REGISTRATION DESK**  
**ICE BREAKER**

MONDAY, 25 July 2016

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08:00-18:30 **REGISTRATION DESK**

<b>OPENING</b>	09:00-09:15	<b>OPENING &amp; WELCOME</b> Word of Welcome Official Opening Introduction to the Conference	M. Sobik, Conference Chair A. Jezierski, Rector of Wrocław University O. Klemm, Scientific Committee Chair
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**SESSION 1** 09:15-11:00 **FOG INTERACTION WITH VEGETATION** (CHAIRS: A. Bott & R. Schemenauer)

**KEYNOTE 1** 09:15-09:45 M.K. Seely, D. Mitchell, W.M. Strauss, G. Maggs-Kölling & R. Vogt **FogLife: Investigating fog as the foundation of the Namib Desert ecosystem**

MONDAY

9:45-10:00	Li Ching-Feng, D. Zelený & H. Chang-Fu	Chamaecyparis montane cloud forest in Taiwan: how does fog matter for plant communities?
10:00-10:15	J. Dumais, P. Raux & E. Pepin	What Plants Can Teach Us About Fog Collection
10:15-10:30	M.A. Scholl & M. Bassiouni	Quantifying Cloud Water Hydrology in Tropical Mountain Forests Using Time-Lapse Photography
10:30-10:45	R. Gottlieb, M.K. Seely, F. Eckardt & M. Cramer	The contribution of fog to the biogeography and biology of <i>Arthroa leubnitziae</i> in the central Namib Desert

**COFFEE BREAK** 11:00-11:45

**SESSION 2** 11:45-13:30 **DEW I** (CHAIRS: J. Burkhardt & H. Okochi)

MONDAY

11:45-12:00	D.A. Beysens	Global dew yield estimate from simple meteo data
12:00-12:15	M. Tomaszkiwicz, M. Abou Najm, D.A. Beysens, M. El-Fadel, I. Alameddine & E. Bou Zeid	Projected climate change impacts upon dew yield in the Mediterranean basin
12:15-12:30	Han Chuntan	Condensation water hydrological process in the alpine meadow region of Hulu watershed in the Qilian Mountain
12:30-12:45	L. Wang, K. Kaseke & M.K. Seely	Stable isotope analyses of rainfall and non-rainfall inputs in the Namib Desert
12:45-13:00	S. Nath, P. Kumar & S. Yadav	A comparative study on fog and dew water chemistry at New Delhi, India
13:00-13:15	G.R. Wentworth, J.G. Murphy, K.B. Benedict, E. Bangs & J.L. Collett	Dew as a nighttime reservoir for atmospheric ammonia
13:30-14:00	Scientific Committee Meeting (room number 204)	

**LUNCH BREAK** 13:30-15:00

**SESSION 3** 15:00-16:45 **DEW II** (CHAIRS: N. Agam & D.A. Beysens)

MONDAY

15:00-15:15	J. Burkhardt, S. Pariyar & M. Hunsche	Dew condensation nuclei on leaf surfaces – why is invisible dew important for plants?
15:15-15:30	C. Gerlein-Safdi, & K.K. Caylor	Dew deposition effects on leaf water isotopic enrichment from an energy balance perspective.
15:30-15:45	K. Yoshikawa, L. Yang, N. Miki & N. Matsuo	Contribution of adventitious roots to the sap flow of <i>Juniperus sabina</i> L., an evergreen shrub growing under frequent dew drop, in semi-arid China

<b>15:45-16:00</b>	<b>T. El-Madany</b> , O. Pérez Priego, M. Migliavacca, O. Kolle, A. Carrara, G. Moreno & M. Reichstein	<b>Temporal variability, magnitude and physiological importance of dewfall in a Mediterranean savanna ecosystem</b>
<b>16:00-16:15</b>	<b>D. Carvajal</b> , D. Araya-Muñoz, L. Romero, R. Vera, J.G. Minonzio & D.A. Beysens	<b>Dew water harvesting in Chile</b>
<b>16:15-16:30</b>	<b>S.M. Berkowicz</b> & B.G. Heusinkveld	<b>A 10-year analysis of daily dew measurements on an urban roof</b>

**COFFEE BREAK** 16:45-17:15

**SESSION 4** 17:15-19:00 **FOG PHYSICS** (CHAIRS: **D. Fernandez & M. Uematsu**)

MONDAY

<b>17:15-17:30</b>	J.K. Spiegel, <b>W. Eugster</b> & O.L. Mayol-Bracero	<b>The variability of cloud droplet sizes during cloud events and their link to long-range dust transport – a case study from Puerto Rico</b>
<b>17:30-17:45</b>	I. Gultepe, <b>M. Witiw</b> , E.R. Pardyjak, S.W. Hoch, Z. Silver, W. Burrows, H.J.S. Fernando, E. Creegan, L.S. Leo, A.J. Heymsfield, M. Pavolonis, R. Ware, T. Kuhn, R. Rabin, B. Zhou & Z. Pu	<b>Ice Fog as high impact weather: Measurement and Prediction issues</b>
<b>17:45-18:00</b>	<b>M. Haeffelin</b> & J.Ch. Dupont	<b>Exploring microphysical, radiative, dynamic and thermodynamic processes driving fog and low stratus clouds using ground-based Lidar and Radar measurements</b>
<b>18:00-18:15</b>	<b>D. van Pinxteren</b> , L. Poulain, S. Mertes, W. Birmil, J. Schneider, B. D'Anna, C. George & H. Herrmann	<b>Aerosol processing by clouds during the HCCT-2010 hill cap cloud experiment</b>
<b>18:15-18:30</b>	<b>E.G. Waersted</b> , M. Haeffelin, J.Ch. Dupont, J. Delanoe, Jean-Baptiste Renard & P. Dubuisson	<b>Quantification of radiative and microphysical properties of fog from cloud radar</b>
<b>18:30-18:45</b>	<b>M. Igawa</b> , T. Shimada & B. Nanzai	<b>Characteristics of Fog Water in Mt. Oyama, Japan</b>

TUESDAY, 26 July 2016

TUESDAY, 26 July 2016

TUESDAY, 26 July

**SESSION 5** 9:00-10:45 **FOG CLIMATOLOGY I** (CHAIRS: **S. LaDochy & G.J. Steeneveld**)

<b>KEYNOTE 2</b>	<b>9:00-9:30</b>	<b>O. Klemm</b>	<b>What causes Observed Fog trends: air quality or climate change</b>
TUESDAY	<b>9:30-9:45</b>	<b>G. Fu</b> , S. Zhang, S. GAO & P. Li	<b>An Overview of Sea Fog Study in Qingdao (Tsingtao) China</b>
	<b>9:45-10:00</b>	<b>C. del Río</b> , P. Osses, N. Wolf, J.L. García & A. Siegmund	<b>Long-term spatiotemporal variability of stratocumulus (Sc) cloud cover and its relation with fog water yields in the coastal Atacama Desert, Chile</b>
	<b>10:00-10:15</b>	<b>P. Osses</b> , C. del Río, J.L. García, N. Zanetta, D. Rivera, N. Wolf & A. Siegmund	<b>Variability of Fog as a fresh Water Resource and its relation with regional and local oceanic-atmospheric-geographic indicators. Atacama Desert Alto Patache Fog Oasis, Chile</b>
	<b>10:15-10:30</b>	<b>R. Rondanelli</b> & J.A. Rutllant	<b>Variability of Cloud liquid water on coastal fog forests of Northern Chile</b>

**COFFEE BREAK** 10:45-11:15

**SESSION 6** 11:15-12:45 **FOG CLIMATOLOGY II** (CHAIRS: **J. Bendix & K. Migala**)

TUESDAY

<b>11:15-11:30</b>	<b>G. Gilson</b> & H. Jiskoot	<b>Climatology of Arctic coastal fog in East Greenland from ground and radiosonde observations</b>
<b>11:30-11:45</b>	<b>S. LaDochy</b> & M.R. Witiw	<b>Southern California Fog's Disappearing Act: Climate Change, ENSO or PDO?</b>
<b>11:45-12:00</b>	<b>E. Gray</b> , D. Baldocchi & A. Goldstein	<b>Impact of Air Pollution on Central Valley Fog Frequency</b>

12:00-12:15	D. Fernandez, A. Torregrosa, P. Weiss, A. Oliphant, C. Dodge, D. Hoskins, A. Mairs, S. Wilson, M. Bowman, T. Barkley & M. Gravelle	Standard Fog Collector Measurements Along the Central and Northern California Coast during the summer fog seasons from 2009-2015
12:15-12:30	M. Sobik & M. Błaś	The role of fog in the Polish presidential plane crash in Smolensk

12:30-12:45 O. Klemm or a SC member Introduction to new association

LUNCH BREAK 12:45-14:00

**SESSION 7 14:00-15:15 FOG IN TRANSPORTATION & MISCELLANEA (CHAIRS: P. González-Viveros & M.K. Seely)**

TUESDAY

14:00-14:15	A. Rewakowicz, J.M. Chomaz & C. Duprat	Mist Collector – Art and Science project
14:15-14:30	P. Kneringer, S.J. Dietz, G.J. Mayr & A. Zeileis	Low-Visibility Nowcasting at Vienna Airport with Ordered Logistic Regression
14:30-14:45	M. Hacker & A. Bott	COSMO-PAFOG: Three-dimensional fog forecasting with the high-resolution COSMO model
14:45-15:00	B. Roux & R. Potts	A High Resolution NWP Modelling Study of Fog at Perth Airport

COFFEE BREAK 15:00-15:15

**POSTER SESSION 1 15:15-17:30 FOG INTERACTION WITH VEGETATION, DEW, FOG PHYSICS, FOG CLIMATOLOGY, TRANSPORTATION & MISCELLANEA (CHAIRS: A.J. Dore, W. Eugster, F. Gonçalves, N.H. Lin, Ż. Polkowska)**

WEDNESDAY, 27 July 2016

WEDNESDAY, 27 July 2016

WEDNESDAY, 27 July

**CONFERENCE TRIP 8:30-20:00**

THURSDAY, 28 July 2016

THURSDAY, 28 July 2016

THURSDAY, 28 July

**SESSION 8 9:00-10:45 FOG CHEMISTRY & DEPOSITION I (CHAIRS: J. Collett & R. Vogt)**

**KEYNOTE 3 9:00-9:30 A.J. Dore, M. Błaś, D. Fowler, M. Kryza, K. Migala, R.I. Smith, M. Sobik & M. Werner The role of orographic cloud in the deposition of sulphur and nitrogen at upland sites: monitoring and modelling studies in Poland and the UK**

THURSDAY

9:30-9:45	O. Masson, J. Tav, F. Burnet, K. Sellegri, G. LeRoux, A. De Vismes-Ott & P. Paulat	Cloud deposition of radionuclides at the Puy de Dome (PDD) Mountain, France
9:45-10:00	N.H. Lin & W.T. Tseng	Twenty-year Measurements of Cloud Water Chemistry at Mt. Bamboo in East Asia: Overview and Case Studies
10:00-10:15	G. Katata, T. Yamaguchi, Y. Horie, T. Hiraki, T. Kobayashi & M. Aikawa	Spatial variation in fogwater deposition in mountainous forest
10:15-10:30	K. Acker, W. Wieprecht, D. Kalaß, J. Hofmeister & D. Möller	Cloud Chemistry Monitoring at Mt. Brocken, Germany, 1992-2009

COFFEE BREAK 10:45-11:15

**SESSION 9 11:15-12:45 FOG CHEMISTRY & DEPOSITION II (CHAIRS: M. Igawa & D. Möller)**

THURSDAY

11:15-11:30	Y. Narita & M. Uematsu	Behaviors of inorganic ions in sea fog derived from marine aerosol as cloud condensation nuclei over the subarctic North Pacific
11:30-11:45	L. Taehyoung, P. Taehyun, A.J. Boris, Y. Lim, J. Ahn, H. Jung, Y. Seo, S. Seo & J.L. Collett	Characterization of chemical composition of fog and the physical and chemical changes of atmospheric aerosols from fog processing in Baengyeong Island, South Korea

	11:45-12:00	T.C. Lin	Fog chemistry in two subtropical rainforests in Taiwan
	12:00-12:15	S. Tiwari, S.D. Attri, A.K. Srivastava, D.S. Bisht, S. Tyagi & A. Mishra	Visibility impairment due to atmospheric aerosols during foggy period over northern part of India
	12:15-12:30	J.L. Collett, A. Boris, M. Schurman, T. Lee, K. Benedict, Y. Desyaterik & P. Herckes	Cloud and fog processing of atmospheric organic matter
	12:30-12:45	J. Bargach	From Foe to Friend: Fog Changing Nature, a Case Study of an Amazigh Community in Southwest Morocco

LUNCH BREAK 12:45-14:00

**SESSION 10 14:00-15:45 FOG COLLECTION PROJECTS & MATERIALS (CHAIRS: S. Berkowicz & G. Fu)**

THURSDAY

	14:00-14:15	R.S. Schemenauer, B. Bignell & T. Makepeace	Fog Collection Projects in Nepal: 1997 to 2016
	14:15-14:30	P. Gandhidasan, H.I. Abualhamayel & F. Patel	Modeling and analysis of the fog water collection in the Asir region of the Kingdom of Saudi Arabia – A case study
	14:30-14:45	J. Tuure, A. Korpela, M. Hautala, M. Hakojärvi, H. Mikkola & L. Alakukku	Development of cost-efficient dew and fog collectors for water management in semiarid and arid regions of developing countries
	14:45-15:00	R. LeBoeuf & E. De la Jara	A Systems Engineering Approach to Large Fog Collector Design
	15:00-15:15	Y. Zheng	Bioinspired wettability surfaces to control fog-water collecting abilities
	15:15-15:30	R. Vogt, R. Gottlieb, T. Wassenaar & M.K. Seely	FogNet – Observing fog in the Central Namib

COFFEE BREAK 15:45-16:00

**POSTER SESSION 2 16:00-17:30 FOG CHEMISTRY & DEPOSITION, FOG COLLECTION PROJECTS & MATERIALS, FOG MODELLING & REMOTE SENSING (CHAIRS: A.J. Dore, W. Eugster, F. Gonçalves, N.H. Lin, Ż. Polkowska)**

**20:00-22:30 CONFERENCE RECEPTION**

FRIDAY, 29 July 2016

FRIDAY, 29 July 2016

FRIDAY, 29 July

**SESSION 11 9:00-10:45 FOG MODELLING & REMOTE SENSING I (CHAIRS: M. Belorid & N. Wolf)**

<b>KEYNOTE 4</b>	9:00-9:30	J. Cermak	Fog distribution and frequency in Europe based on active satellite remote sensing
	9:30-9:45	H.M. Schulz, B. Thies, S. Chang & J. Bendix	Delineating the mountain cloud forest of Taiwan using satellite derived ground fog frequency maps
	9:45-10:00	T.G. Elias, D. Jolivet, J.C. Dupont	Nowcasting of the fog formation by radiative cooling, based on ground-based and satellite observations
	10:00-10:15	Y. Li, B. Thies, S. Zhang, X. Shi & J. Bendix	Optical Thickness and Effective Radius Retrievals of Low Stratus and Fog from MTSAT Daytime Data as a Prerequisite for Yellow Sea Fog Detection
	10:15-10:30	Q. Laffineur, M. Haeffelin, J.C. Dupont, J.A. Bravo-Aranda, M.A. Drouin, J.A. Casquero-Vera & H. De Backer	PARAFOG: a new decision support system for radiation fog forecasting based on analysis of ALC measurements

COFFEE BREAK 10:45-11:00

**SESSION 12 11:00-12:15 FOG MODELLING & REMOTE SENSING II (CHAIRS: M. Haeffelin & S. Zhang)**

FRIDAY

	11:00-11:15	Shanhong Gao & Yue Yang	Sensitivity study of vertical resolution in WRF numerical simulation for sea fog over the Yellow Sea.
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11:15-11:30	C. Román-Cascón, <b>G.J. Steeneveld</b> , C. Yague, M. Sastre, J.A. Arrillaga & G. Maqueda	Forecasting radiation fog at climatologically contrasting sites: evaluation of statistical methods and WRF
11:30-11:45	<b>J.Ch. Dupont</b> , E. Waersted, M. Haeffelin, J.B. Renard & J. Delanoe	Liquid water closure experiment at SIRTA observatory during fog and low level stratus cloud
11:45-12:00	<b>P. Alexandre</b> , T. Bergot, Y. Bouteloup & F. Bouyssel	The impact of vertical resolution on fog forecasting with the the meso-scale model AROME: A case study and statistics

COFFEE BREAK

12:15-12:45

12:45-13:15 **FUNDATION OF THE NEW ASSOCIATION**

13:15-14:15 **FINAL REMARKS, SCIENTIFIC COMMITTEE ANNOUNCEMENTS, FUTURE CONFERENCE**

14:15-14:45 **BOARD MEETING OF THE ASSOCIATION ON FOG & DEW**

### POSTER SESSION I – TUESDAY (15:15-17:30)

**POSTER SESSION 1 FOG INTERACTION WITH VEGETATION, DEW, FOG PHYSICS, FOG CLIMATOLOGY, TRANSPORTATION & MISCELLANEA (CHAIRS: A.J. Dore, W. Eugster, F. Gonçalves, N.H. Lin, Ž. Polkowska)**

#### Session 1: Fog Interaction with Vegetation

<b>1</b>	<b>S. Pariyar, S.C. Chang, D. Zinsmeister &amp; J. Burkhardt</b>
	Structural and functional adaptations of Taiwan yellow cypress ( <i>Chamaecyparis obtusa</i> var. <i>formosana</i> ) to persistent leaf wetness from fog
<b>2</b>	<b>M. Błaś, M. Godek, M. Sobik, M. Szymanowski, P. Owczarek &amp; H. Ojrzyńska</b>
	Influence of fog pollution signal on tree ring reduction - spatial relationships in the Sudety Mts., Poland
<b>3</b>	<b>H. Kamauchi, M. Akasaka, M. Sakimoto, S. Suzuki, T. Ohta &amp; I. Tayasu</b>
	Sea-fog and coastal forest in eastern Hokkaido, Japan
<b>4</b>	<b>B. Breuer, F. Nieberding, E. Fleischer, O. Klemm, Q. Song &amp; Y. Zhang</b>
	Fog and Water Vapor Fluxes above a primary subtropical mountain evergreen forest in SW China
<b>5</b>	<b>S. Laplace &amp; T. Kume</b>
	Characteristics of the Evapotranspiration of a Japanese Cedar Montane Cloud Forest in Xitou, Taiwan
<b>6</b>	<b>P. Plischoff, J. Machuca, N. Zanetta, J. Hepp &amp; D. Stanton</b>
	Distribution of flowering in a fog oasis of the Atacama Desert after the unprecedented El Niño year and its relation with fog density
<b>7</b>	<b>A. Ritter, C.M. Regalado, J.C. Guerra, D.P. Ström, I.I. Rodríguez, R. Poncela, A.R. Socorro Monzón &amp; M.T. Arencibia</b>
	Fog water contribution to the laurel forests in Tenerife (Canary Islands, Spain): A multidisciplinary approach
<b>8</b>	<b>D. Mitchell, W.M. Strauss, R.S. Hetem &amp; M.K. Seely</b>
	Fog, Namib Desert animals, and climate change
<b>9</b>	<b>Q.H. Song, O. Klemm, E. Fleischer, Y.P. Zhang, Y.H. Liu, L.Q. Sha, W.J. Zhou, Y.T. Liu, C.S. Wu &amp; Z.Y. Lu</b>
	Evapotranspiration from a primary subtropical evergreen cloudy forest in SW China
<b>10</b>	<b>N. Wolf, C. Del Rio, P. Osses, N. Zanetta, J. García &amp; A. Siegmund</b>
	Stand-scale analyses of spatial vegetation patterns of fog-ecosystems in the Atacama using UAV-based remote sensing

## Session 2: Dew

11	<b>M. Tomaszewicz, M. Abou Najm, M. El-Fadel, R. Zurayk &amp; D.A. Beysens</b>
	Dew as an adaptation measure to meet reforestation demand
12	<b>A. Jiang, P.R. Berliner &amp; N. Agam</b>
	Effect of soil type and surface layer on non-rainfall water inputs
13	<b>N. Agam &amp; A. Florentin</b>
	Non-rainfall water inputs derive latent heat flux over dry bare soil
14	<b>G. Sharan, A.K. Roy, L. Royon, A. Mongruel &amp; D.A. Beysens</b>
	Dew plant to produce bottled drinking water
15	<b>D.A. Beysens, P.B. Bintein, H. Lhuissier, M.G. Médici, L. Royon &amp; A. Mongruel</b>
	Improve dew harvest with edges and microgrooves
16	<b>D. Meunier &amp; D.A. Beysens</b>
	Relative contributions of rain, drizzle, fog and dew at Baku (Azerbaijan)
17	<b>D.A. Beysens, V. Pruvost &amp; B. Pruvost</b>
	Observing cars to obtain quantitative dew measurements
18	<b>I. Milimouk-Melnytchouk, M. Mileta &amp; D.A. Beysens</b>
	Ten years of dew investigation in Croatia by OPUR
19	<b>G. Gałek, M. Sobik, M. Błaś &amp; Ż. Polkowska</b>
	Urban dew in Poland as a medium of pollutant deposition
20	<b>M. Dawid, M. Kafarski, W. Skierucha, M. Błaś, M. Sobik, A. Walczak, A. Wilczek &amp; G. Janik</b>
	The method for estimating water infiltration from the atmospheric deposits
21	<b>11. D. A. Grantz and J. Burkhardt</b>
	Apparent Non-Stomatal Fluxes of Ozone and Water: A role for Particle-Induced Surface Wetness?

## Session 3: Fog physics

22	<b>M. Mazoyer, F. Burnet, G.C. Roberts, M. Haeffelin, J.C. Dupont &amp; T. Elias</b>
	Aerosol impact on fog microphysics
23	<b>R.-T. Huang &amp; H.-M. Hung</b>
	A study of aerosol hygroscopicity during fog events in Kinmen, Taiwan
24	<b>L. Lehnert, S. Achilles, J. Schmidt, P. Osses, B. Thies &amp; J. Bendix</b>
	Fog research in the southern Atacama: Measurement setup and first results of the new Crustweathering project
25	<b>P.H. Lin, M.D. Tzeng, A. Lai &amp; H.Ch. Cheung</b>
	The characteristics of Fog size spectrum at Xitou mountain valley and Kinmen Island
26	<b>K. Migala, B. Luks, T. Budzik &amp; D. Kępski</b>
	Evaporation and condensation on snow/ice surface based on the thermodynamic equations – a case study from the area of Hornsund Fiord, Svalbard

27	<b><u>J.S. Park, M. Belorid, K.R. Kim, C. Cho, M.S. Kang &amp; B.J. Kim</u></b>
	Analysis of meteorological conditions before steam fog formation at the Nakdong River in the Korean Peninsula
28	<b><u>C. Román-Cascón, G.J. Steeneveld, C. Yagüe, M. Sastre, J.A. Arrillaga &amp; G. Maqueda</u></b>
	Estimating fog-top height through near-surface micrometeorological measurements
29	<b><u>B. Thies, J. Wagemann, S. Egli, S. Achilles &amp; J. Bendix</u></b>
	The Marburg Ground Truth and Profiling Station - analysing vertical-temporal fog dynamics

#### Session 4: Fog climatology

30	<b><u>A.G. Amiranashvili, V.A. Chikhladze &amp; N.N. Lomidze</u></b>
	Characteristics of fogs in the airport of Tbilisi city
31	<b><u>A.G. Amiranashvili</u></b>
	Number of days with fog and duration of fogs in some regions of Georgia
32	<b><u>M. Belorid, C.B. Lee, J.C. Kim, T.H. Cheon &amp; B.J. Kim</u></b>
	Distribution and long-term trends in various fog types over South Korea
33	<b><u>A. Bokwa, A. Wypych &amp; M. Hajto</u></b>
	Role of fog on urban heat island modification in Krakow, Poland
34	<b><u>A. Bott, J. Cermak, E. Parlow, R. Vogt H. Andersen</u></b>
	Namib Fog Life Cycle Analysis
35	<b><u>I. Cheliotis &amp; G.J. Steeneveld</u></b>
	Mesoscale modeling of radiation fog in the Netherlands: exploring contrasts between cities and countryside
36	<b><u>N. Fedorova, J.P.N. Nobre &amp; V. Levit</u></b>
	Influence of Tropical Cyclones in the Northern Hemisphere on Low Visibility in the Southern Hemisphere
37	<b><u>L. Pengyuan, W. Guanlan, F. Gang &amp; L. Chungu</u></b>
	Characteristics of Low Atmospheric Visibility Associated with Sea Fog Occurrence over the Northern Atlantic
38	<b><u>F.L.T. Gonçalves</u></b>
	The variability of fog events from 1930 to 2015 in São Paulo city
39	<b><u>P. González-Viveros, E. Caetano &amp; F. García-García</u></b>
	Fog modelling in the Mexico Basin
40	<b><u>Y.J. Lai, P.H. Lin &amp; T.H. Wey</u></b>
	Observations on fog/low cloud pattern under climate change in central Taiwan
41	<b><u>T. Likso</u></b>
	Temporal variation of fog events in the continental part of Croatia
42	<b><u>A. Reyes, J. A. Rutllant, R. Fuentes &amp; R. Rondanelli</u></b>
	Influence of the local atmospheric circulation in fog/clear days at Fray Jorge during austral springs of 2013-2014
43	<b><u>A. Skomorowski &amp; P. Piotrowski</u></b>
	The impact of atmospheric circulation on the likelihood of fog at selected stations in Poland airport
44	<b><u>T.H. Wey, Y.J. Lai &amp; P.H. Lin</u></b>
	The Studies on the Relationship Between Mountain Valley Breeze and Upslope Fog at Xitou Region in Central Taiwan

45	<b>J. Yuhua, Y. Jiang, W. Binbin &amp; W. Yong</b>
	The Urban Heavy Fog Climatic Feature and Temperature Change in the Chongqing of China.
46	<b>N. Zanetta, C. del Río, P. Osses, J. García, Y. Luengo, N. Wolf &amp; A. Siegmund</b>
	Spatio-temporal variability of fog water and its meteorological conditions in the coastal Atacama Desert, Chile
47	<b>Q. Wang, S.P. Zhang, Q. Wang</b>
	The Influence of Coastal Front on a Sea Fog Episode during Meiyu Period over the Hangzhou Bay
48	<b>M. Zoldoš, J. Jurković &amp; L. Čoso</b>
	Event-based fog climatology at Zagreb International Airport

### Session 5: Fog in transportation & Miscellanea

49	<b>F.D. Alfaro, A. Gaxiola, P. Marquet &amp; J.J. Armesto</b>
	Latitudinal variation in marine-fog microbial activity and its relation to soil microbial communities in the Atacama Desert
50	<b>D. Fernandez, A. Torregrosa, P. Weiss, R. Cohen, D. Sorensen, J. Kleingartner, G. McKinley, A. Mairs, S. Wilson, M. Bowman, T. Barkley &amp; M. Gravelle</b>
	Inter-mesh comparisons of passive fog collectors
51	<b>M. Kafarski, M. Dawid, A. Szyplowska, A. Wilczek, A. Nakonieczna, G. Janik &amp; W. Skierucha</b>
	Porous corundum plate sensor for atmospheric water deposits TDR measurements
52	<b>G. Kołodziej</b>
	Fog at the Lublin Airport and in the vicinity
53	<b>R. LeBoeuf, J.D. Rivera, J. Gómez &amp; J.P. Vargas</b>
	An Economical Liquid Water Flux Instrument
54	<b>H. Ojrzyńska, P. Ojrzyński &amp; M. Kryza</b>
	Atmospheric circulation conditions of fog occurrence at the airport of Wrocław-Strachowice
55	<b>W. Wieprecht, A. Dahl &amp; O. Dahl</b>
	Automatic Fog Collector ANES 220 - reconstruction for high sampling efficiency

### POSTER SESSION II – THURSDAY (16:00-17:30)

**POSTER SESSION 2 FOG CHEMISTRY & DEPOSITION, FOG COLLECTION PROJECTS & MATERIALS, FOG MODELLING & REMOTE SENSING (CHAIRS: A.J. Dore, W. Eugster, F. Gonçalves, N.H. Lin, Ź. Polkowska)**

### Session 6: Fog chemistry & deposition

56	<b>K. Coale, W. Heim, A. Olson, H. Chiswell, A. Byington, A. Newman, A. Bonnema, M. Johnson, D. Fernandez, P. Weiss-Penzias, C. Parker</b>
	Dimethyl Mercury in Seawater: A Potential Source of Monomethyl Mercury in Fog.
57	<b>P. Weiss-Penzias, K. Coale, W. Heim, D. Fernandez, A. Oliphant, C. Dodge, D. Hoskins, J. Farlin, R. Moranville</b>
	Total and monomethylmercury in coastal California fog water: results from two years of sampling on land and at sea.
58	<b>Hůnová I., Kurfurst P., Stráník V.</b>
	The contribution of fog to nitrogen deposition: estimation of spatial pattern based on data-driven geostatistical model.



59	<b><u>Katsumi N, Yamanokoshi E., Okochi H, Ogata H,</u></b>
	Inter-annual variation of humic-like substances concentration in cloud waters and aerosols at the summit of Mt. Fuji
60	<b><u>Nieberding, F., Breuer, B., Fleischer, E., Klemm, O. , Song, Q. , Zhang, Y.</u></b>
	Fogwater Chemical Composition at Ailaoshan Mountain, Yunnan Province, SW China
61	<b><u>Tseng W.T., Klemm O., Lin N.H</u></b>
	The Influence of Mainland China Emissions on Cloud Water Chemistry in Northern Taiwan
62	<b><u>Nakamura M., Okochi H. Ogawa S. , Ogata H., Nagaoya T.,, Katumi , Minami Y., Kobayashi H., Miura K.</u></b>
	Observation of cloud water chemistry in the free troposphere using Mt.Fuji
63	<b><u>Ogata H., Okochi H., Matsunaga K., Minami Y., Kobayashi H., Miura K</u></b>
	Features of Fe-containing particles in the atmosphere and in cloud water at the top of Mt. Fuji
64	<b><u>Okochi H., Yamamoto S., Ogata H., Nagoya T., Minami Y., Kobayashi H, Miura K.</u></b>
	Observation of volatile organic compounds in the ambient air and in cloud water in the free troposphere over Japan
65	<b><u>Rossini G., Okochi H., Ogata H., Nagoya T., Minami Y., Kobayashi H., Kato S., Miura K., Yonemochi S.</u></b>
	In-cloud Scavenging of Airborne Polycyclic Aromatic Hydrocarbons at the top of Mt. Fuji in Summer 2015
66	<b><u>Takenaka N. and Chikamori A.</u></b>
	Depress of ozone buildup by dew formation
67	<b><u>J. Tav, O. Masson, F. Burnet, P. Paulat, T. Bourriane, A. De Vismes, S. Conil</u></b>
	Deposition of radionuclides by fog droplets on plants
68	<b><u>K. Watanabe, C. Yachi, M. Nishibe, S. Michigami, Y. Saito, N. Eda, N. Yamazaki &amp; T. Hirai</u></b>
	Measurements of atmospheric hydroperoxides over a rural site in central Japan using a helicopter and evaluation of potential capacity of SO <sub>2</sub> oxidation in fog water at a high elevation
69	<b><u>Nath, S., Kumar, P., Yadav S.</u></b>
	Soluble inorganic ions in fog water collected over New Delhi, India and their buffering capacities

### Session 7: Fog collection projects & materials

70	<b><u>L. Dodson</u></b>
	Fogharvesting and Community Resilience: Examining an Integrated Fog Project
71	<b><u>Rivera, J.D.; Gómez, J., Zanetta, N., Montecinos, S.</u></b>
	Measurement of the water spill off the mesh of a large fog collector
72	<b><u>H.-C. Chiang, P.-H. Lin, S. Simon</u></b>
	Simple solution on rain-cloud-fog water collection - a harvesting umbrella test in field
73	<b><u>M.-D. Tzeng, P.-H. Lin, H.-C. Chiang</u></b>
	The performance test on different fog harvest meshes in Taiwan
74	<b><u>Montecinos S., Cereceda P.</u></b>
	Evaluation of the Mesh Collection Efficiency of Fog Water based on Meteorological data and measurements of Liquid Water Content
75	<b><u>Navarrete B., Rivera J.D., Gómez J., LeBoeuf R., Montecinos S.</u></b>
	Wind force measurement and analysis of a large fog collector
76	<b><u>Pepin E., Dumais J., Raux P.</u></b>

	Improvements in fog collection efficiency with new bio-inspired threads that promote water film stability.
<b>77</b>	<b><u>C. M. Regalado, A. Ritter</u></b>
	A comparison of three fog water collectors using modeling and field data
<b>78</b>	<b><u>Schemenauer, R.S., N. Zanetta, M. Rosato &amp; V. Carter</u></b>
	The Tojquia, Guatemala Fog Collection Project 2006 to 2016
<b>79</b>	<b><u>Schunk C., Trautwein P., Hruschka H., Frost E., Dodson L., Derhem A., Bargach J., Menzel A.</u></b>
	Water yield and quality of a novel fog collector for high wind speeds
<b>80</b>	<b><u>Trautwein P.</u></b>
	Gaining drinking water with fog collectors CloudFisher Pro™ and CloudFisher mini™

## Session 8: Fog modelling & Remote sensing

<b>81</b>	<b><u>Andersen H., Cermak J.</u></b>
	A Satellite View on Fog Development in the Namib Desert
<b>82</b>	<b><u>Belorid M., Lee J., Reza A., Lee C.B., Kim K.R., Cho C., Kim B-J.</u></b>
	Numerical study on the influence of artificial lake on the temporal and spatial characteristics of radiation fog
<b>83</b>	<b><u>Egli S., Thies B., Bendix J.</u></b>
	A 10 year fog and low stratus climatology for Central Europe based on Meteosat Second Generation data
<b>84</b>	<b><u>Eigenmann, R., Bauer-Pfundstein, M., B.-R. Beckmann, K. Hohmann, H.-D. Saffran, Lehmann, V., Görsdorf, U.</u></b>
	Remote sensing of fog with a scanning Ka-band cloud radar at Munich airport
<b>85</b>	<b><u>Q. Laffineur, M. Haeffelin, J.-C. Dupont, J.A. Bravo-Aranda, M-A. Drouin, &amp; H. De Backer</u></b>
	Statistical analysis of parameters computed by PARAFOG: a new pathway to increase knowledge on the early stage of fog formation
<b>86</b>	<b><u>Levit V., Fonso J.M.S., Fedorova N.</u></b>
	The PAFOG Model Applied in Different Regions of Brazil
<b>87</b>	<b><u>Prakash P., Sachin D.G., Thara P.</u></b>
	Evaluation of PBL and microphysics parameterization for a Fog event in the Indo Gangetic basin by using WRF/WRF_Chem model
<b>88</b>	<b><u>Scheffler, K. K., Asmus, J., Cermak, J., J. Bendix</u></b>
	Establishment of a real-time fog detection product basing on the combined satellite interpretation schemes of SOFOS, NWCSAF and CPP
<b>89</b>	<b><u>G.J. Steeneveld, R.J. Ronda, A.A.M. Holtslag</u></b>
	Challenge of Forecasting the Onset and Development of Radiation Fog Using Mesoscale Models WRF and HARMONIE
<b>90</b>	<b><u>M. de Bode, G.J. Steeneveld</u></b>
	Unravelling process sensitivity in modelling the diurnal cycle of a radiation fog: a process diagram approach