

topic		presenter	University		title
S06	Opening	129 Kemp	GSK	UK	PRACTICAL APPLICATION OF DRYER MODELLING AND PROCESS UNDERSTANDING IN PHARMACEUTICALS AND RELATED INDUSTRIES
S01	keynote K1	173 Giacomello	Sapienza Università di Roma	Italy	Drying in hydrophobic nanoporous materials
<b>Fundamentals of drying</b>			<b>Chair: A. Adrover, A. Giacomello</b>		
S01	oral	70 Schutyser	Wageningen University	Netherlands	Conductive thin film drying kinetics relevant to drum drying
S01	oral	87 Gregson	University of Bristol	UK	PREDICTING AND CONTROLLING CRYSTALLISATION IN EVAPORATING AEROSOL SOLUTION DROPLETS
S01	Oral	128 Léonard	University of Liège	Belgium	DRYING BEHAVIOUR AND WATER TRANSPORT MECHANISMS DURING EVAPORATION OF AN AGRICULTURAL SOIL
S01	oral	51 Mitrevski	University St. Climent Ohridski	North Macedonia	CONVECTIVE DRYING KINETICS OF OSMOTICALLY PRE-TREATED APPLE SLICES
<b>Modeling and simulation</b>			<b>Chair: P. Perré, A. Kharaghani</b>		
S02	oral	11 Jaskulski	Lodz University of Technology	Poland	CFD modeling of co-current foam spray drying
S02	oral	65 Bobba	Politecnico di Torino	Italy	Diffuse Interface Modeling Of Eggplant Vacuum Freeze-Drying Process
S02	oral	71 Adrover	Sapienza Università di Roma	Italy	A MATHEMATICAL MODEL FOR FOOD DRYING WITH MOVING BOUNDARIES: THEORY AND APPLICATIONS
S02	oral	73 Jamil Ur Rahman	University of Twente	Netherlands	STATIONARY AND TRANSIENT ASPECTS OF AIR FLOW IN A NOVEL RADIAL MULTI-ZONE DRYER
S02	oral	91 Kharaghani	Otto von Guericke University Magdeburg	Germany	DRYING OF A SHRINKING POROUS MEDIUM SATURATED WITH A SOLUTION: A PORE NETWORK STUDY
S02	oral	100 Le Bideau	Université Bretagne Sud	France	DRYING OF AQUEOUS SOLVENT SUPPORTED BY A THIN POLYMER FILM
S02	oral	147 Perré	CentraleSupélec	France	Dual-scale modelling of coupled heat and mass transfer in porous media: a macroscopic formulation
S02	oral	154 Hubert	University of Liege	Belgium	RESORCINOL FORMALDEHYDE HYDROGEL DRYING BEHAVIOR: EXPERIMENTAL AND NUMERICAL STUDY
S05	keynote K2	28 Arpagaus	NTB University of Applied Sciences of Technology Buchs	Switzerland	Nano Spray Drying of Bioactive Food Ingredients
<b>Pharmaceuticals and biomaterials</b>			<b>Chair: C. Ratti, D. Argyropoulos</b>		
S06	Oral	47 Vaessen	Wageningen University	Netherlands	Intracellular trehalose accumulation in probiotics during spray and freeze drying
S06	oral	48 Arsiccio	Politecnico di Torino	Italy	A DESIGN SPACE APPROACH FOR THE FREEZING STEP OF FREEZE DRYING: CONSIDERATIONS FOR PROCESS PERFORMANCE AND PROTEIN STABILITY
S06	oral	84 Turuta	Kyushu Institute of Technology	Japan	Microwave Foam-Drying of Egg White
S06	oral	61 Selmin	Università degli Studi di Milano	Italy	LYOPHILIZATION OF LIPOSOMES PREPARED BY ETHANOL INJECTION: A CASE STUDY
S06	oral	179 Sanesi/Fissore	Pharmatech/Politecnico di Torino	Italy	USE OF A MICRO-FREEZE DRYER FOR THE DEVELOPMENT OF A FREEZE-DRYING PROCESS
<b>Food and agricultural materials A</b>			<b>Chair: C. Ratti, D. Argyropoulos</b>		
S05	Oral	26 Sánchez-Sáenz	Universidad Nacional de Colombia	Colombia	EFFECT OF DRUM DRYING PARAMETERS ON GUAVA (PSIDIUM GUAVA .CV) PULP POWDER
S05	Oral	32 Giana	AgroParisTech	France	Spray dried fruit powders: caking prediction from physico-chemical characterization
S05	Oral	39 Ratti	Université Laval	Canada	MOISTURE PROFILES ANALYSIS OF FOOD MODELS UNDERGOING GLASS TRANSITION DURING AIR DRYING
S05	Oral	45 Farkas	Szent Istvan University	Hungary	HEAT TRANSFER CALCULATION OF CHIMNEY APPLIED FOR INDIRECT SOLAR DRYER
S05	Oral	56 Tagnamas	Cadi Ayyad University	Morocco	THIN LAYER SOLAR DRYING OF MOROCCAN CAROB LEAVES (CERATONIA SILIQUA)
<b>Food and agricultural materials B</b>			<b>Chair: A. Mulet, I. Farkas</b>		
S05	Oral	23 Mujaffar	The University Of the West Indies	Trinidad and Tobago	INVESTIGATIONS INTO HOT AIR AND MICROWAVE DRYING OF THE WEST INDIAN BAY LEAF (Pimenta racemosa)
S05	Oral	64 Harguindeguy	Politecnico di Torino	Italy	Vacuum Freeze Drying effect on bioactive compounds of eggplant (Solanum melongena L.)
S05	Oral	66 Herman	Universidade Federal do Pará	Brazil	EVOLUTION OF THE MOISTURE CONTENT IN THE CORE AND THE SHELL OF FERMENTED AMAZONIAN COCOA BEANS DURING DRYING
S05	Oral	67 Umaña Zamora	University of the Balearic Islands	Spain	USE OF MUSHROOM FIBRE CONCENTRATE TO STABILISE OIL-IN-WATER EMULSION BY SPRAY DRYING
S05	oral	114 Cancel	Universitat Politècnica de València	Spain	INFLUENCE OF THE PRETREATMENT WITH PULSED ELECTRIC FIELD ON THE ULTRASONICALLY ASSISTED HOT AIR DRYING OF ORANGE PEEL
S05	oral	76 von Gersdorff	University of Kassel	Germany	First steps towards smart drying of beef slices seasoned with different pre-treatments
S07	Keynote K3	126 Léonard	University of Liege	Belgium	X-RAY COMPUTED TOMOGRAPHY: AN OUTSTANDING VISUALISATION TOOL FOR DRYING RESEARCH
<b>Measurement &amp; Process control</b>			<b>Chair: A. Martynenko, D. Fissore (part A &amp; B)</b>		
S07	oral	35 Foerst	Technical University of Munich	Germany	Freeze drying behavior of spray frozen and pelletized materials by neutron radiography and tomography
S07	oral	38 Nakagawa	Kyoto University	Japan	APPLICATION OF MICROWAVE RESONATOR SENSOR FOR MONITORING OF FREEZE-DRYING PROCESS
S07	oral	99 Gervasi	University College Cork (UCC)	Ireland	THERMOCOUPLES, ELLAB AND TEMPRIS AS PAT TOOLS FOR Kv AND PRODUCT TEMPERATURE DETERMINATION DURING PHARMACEUTICAL FREEZE-DRYING
S07	oral	155 Inserra	Politecnico di Torino	Italy	Brewed coffee waste: a material for humidity sensing
S07	oral	77 Colucci	Politecnico di Torino	Italy	On-line Monitoring of the Freeze-Drying Process: a new image-based PAT
S07	oral	30 Bantle	SINTEF Energy	Norway	Improved process control by surface temperature controlled drying
S07	oral	17 Martynenko	Dalhousie University	Canada	THE SHIFT OF PARADIGM FROM STEADY-STATE TO INTELLIGENT DRYING
S07	oral	182 Argyropoulos	University of Hohenheim	Germany	Decision support for drying of medicinal plants through multi-source data integration
S07	oral	167 Moschetti	University of Tuscia	Italy	RECOGNITION OF INLET WET FOOD TO DRYING PROCESS THROUGH A DEEP LEARNING APPROACH
<b>Special industrial session</b>			<b>Chair: M. Adami, R. Pisano</b>		
S12	oral	9 Teekman	Hosokawa Micron BV	Netherlands	Taking flash drying to the next (temperature) level
S12	oral	171 Vallejo	LIS (Lesaffre Group)	France	GENTLE AND INNOVATIVE DRYING AND ENCAPSULATION AT LIS
S12	oral	24 Assegehegn	Fresenius Kabi Deutschland GmbH	Germany	USE OF PROCESS DESIGN SPACE (PDS) FOR OPTIMIZING THE SECONDARY DRYING STEP OF A FREEZE-DRYING PROCESS FOR PHARMACEUTICAL PRODUCTS
S12	oral	80 Jacob	Glatt Ingenieurtechnik GmbH	Germany	Process analytical technologies for inline control of fluidized bed agglomeration
S12	oral	95 Smith	Perceptive Engineering	UK	OPTIMISING DRYER OPERATION WITH A DIGITAL TWIN
S12	oral	43 Hribersek	University of Maribor	Slovenia	USE OF BOUNDARY ELEMENT MODEL FOR DETERMINATION OF DESIGN SPACE FOR LYOPHILIZATION OF A PROTEIN BASED SOLUTION IN A VIAL
S12	oral	54 Moliterno	BSP Pharmaceuticals SpA	Italy	Application of controlled nucleation to ADCs freeze-drying: a case study
S12	oral	55 De Luca	University of Padova	Italy	MODEL-BASED DESIGN OF EXPERIMENTS TO ENABLE FAST PRODUCT TRANSFER ACROSS FREEZE-DRYING UNITS

**Innovative technologies - Industrial processes and equipment****Chair: A. Leonard, A. Barresi**

S08	oral	184	Serrano	Parallel Technology/Berdut Enterprises	Puerto Rico	Magnetic Heat and Hydrogen Generation for Heating and Drying
S08	oral	10	Spotar	Nazarbayev University	Kazakhstan	VORTEX DRYER FOR APPLE RINGS: MODELING AND EXPERIMENT
S09	oral	18	Martynenko	Dalhousie University	Canada	TEMPERATURE DEPRESSION IN EHD DRYING
S09	oral	59	Musiak	Poznań University of Technology	Poland	MICROWAVE-CONVECTIVE AND ULTRASOUND-CONVECTIVE DRYING OF THYME – PROCESS KINETICS AND PRODUCT QUALITY
S09	oral	145	Schabel	Karlsruhe Institute of Technology (KIT)	Germany	Drying and interdiffusion of multilayer and multicomponent polymeric films
S08	Oral	14	Moreno	Universidad de La Sabana	Colombia	Effect of two different atomization devices on the particle size of feijoa pulp powder obtained by spray drying
S08	oral	12	Wawrzyniak	Lodz University of Technology	Poland	DETERGENT DRYING IN A COUNTER-CURRENT SPRAY DRYER WITH SWIRLING AIR FLOW
S08	oral	117	Demichela	Politecnico di Torino	Italy	Risk assessment in freeze-drying processes
S08	oral	21	Liapis	Missouri University of Science and Technology	USA	THE EFFECT OF TIME OPTIMAL CONTROL OPERATION ON THE EXERGY DISTRIBUTION OF FREEZE DRYING SYSTEMS

**Cultural heritage and art****Chair: S. Grassini, H. Pittino (Prodoc)**

S11	Keynote K4	134	COUSSOT	IFSTTAR	France	Imbibition-drying in models systems observed by Magnetic Resonance Imaging - Application to a poultice/porous medium system for desalination of historical masonry
S11	oral	20	BRUTTINI	CRIOFARMA	Italy	FREEZE DRYING AS A STABILIZING AND PRESERVING PROCESS IN SCULPTING ART
S11	oral	174	Peters	Politecnico di Torino	Italy	Freeze-drying archaeological wood: an overview
S11	oral	118	Bosco	Politecnico di Torino	Italy	On the effect of freeze-drying on paper-borne microorganisms
S11	oral	163	Di Francia	Politecnico di Torino	Italy	COLD-CHAIN ON ANTHROPOLOGICAL REMAINS

**Permanent panel**

PC1 Conference news

PC2 Award winners

**Sponsor posters**

PS1		181	Sanesi	Pharmatech	Italy	A PILOT FREEZE-DRYER QUALIFICATION CASE
PS2				Parallel Technology	Puerto Rico	space available for espostion sponsor
PS3				Hosokawa	Netherlands	space available for espostion sponsor
PS4				Buchi	Italy	space available for espostion sponsor
PS5	(DET panel 1)		NG	Fluid Air	Switzerland	POLAR DRY - The cooler technology
PS6	(DET panel 2)		Sponsors and supporters Acknowledgement			

**Poster session 1 : Fundamentals; Modelling and simulation; Food and agricultural materials; Pharmaceuticals and biomaterials**

S01	poster 1/01	25	Foerst	Technische Universität München	Germany	Application of neutron radiography and tomography for the investigation of freeze drying
S1	poster 1/02	79	Sewalt	Delft University of Technology	Netherlands	Revealing how droplets transform into particles with Optical Coherence Tomography
S01	poster 1/03	92	Kharaghani	Otto von Guericke University Magdeburg	Germany	THE ROLE OF DISCRETE CAPILLARY RINGS IN MASS TRANSFER FROM THE SURFACE OF CAPILLARY POROUS MEDIUM DURING DRYING
S1	poster 1/04	157	XU	Tianjin University of Science and Technology	China	Particle formation and structure of single hot-melt droplet impact on static powder bed
S02	poster 1/05	94	Jayapragasam	Université Bretagne Sud	France	PARAMETER ESTIMATION FOR BREAD BAKING PROCESS IN NON-DIMENSIONAL FORM
S02	poster 1/06	107	Marín	University of Chapingo	Mexico	TOWARDS DYNAMIC MODELING OF TOMATO SLICES DRYING IN A GREENHOUSE-TYPE SOLAR DRYER
S2	poster 1/07	36	Román-Roldán	UNAM	Mexico	Numerical analysis of the air velocity, temperature and turbulence kinetic energy inside a greenhouse dryer using CFD
S06	poster 1/08	69	Adrover	Sapienza Università di Roma	Italy	FREEZE-DRIED NANOCOMPOSITE GEL BEADS FOR ORAL DRUG DELIVERY: IN VITRO SIMULATION OF GASTRO-INTESTINAL DRUG RELEASE
S2	poster 1/09	130	Pisano	Politecnico di Torino	Italy	RATIONAL DESIGN OF FREEZE-DRYING FORMULATIONS: A MOLECULAR DYNAMICS APPROACH
S2	poster 1/10	138	PISANO	Politecnico di Torino	Italy	COMPUTATIONAL METHODS BASED ON X-RAY MICROTOMOGRAPHY FOR QUANTITATIVE ANALYSIS OF LYOPHILIZED PRODUCTS
S2	poster 1/11	148	Horváth	Budapest University of Technology and Economics	Hungary	MIXING PLACEBO TABLETS IN A ROTARY DRUM
S2	poster 1/12	149	Varju	Budapest University of Technology and Economics	Hungary	Investigation of mass transfer coefficient by theoretical and empirical correlations in case of water evaporation at forced convection
S05	poster 1/13	27	Sánchez-Sáenz	Universidad Nacional de Colombia	Colombia	EFFECT OF THE DRYING PROCESS USING CONVECTION DRYER ON THE COLOUR AND WATER ACTIVITY OF CUBIO SLICES (TROPAEOLUM TUBEROSUM R & P)
S05	poster 1/14	46	Farkas	Szent Istvan University	Hungary	STRATIFICATION OF PRODUCT WEIGHT IN INDIRECT SOLAR DRYING SYSTEM
S5	poster 1/15	50	Siccama	Wageningen University	Netherlands	STRATEGIES TO RETAIN VOLATILE COMPOUNDS DURING CONVECTIVE DRYING OF VEGETABLES
S05	poster 1/16	64	Harguindeguy	Politecnico di Torino	Italy	Vacuum Freeze Drying effect on bioactive compounds of eggplant (Solanum melongena L.)
S5	poster 1/17	60	Umaña Zamora	University of the Balearic Islands	Spain	ARTICHOKE BY-PRODUCT AS WALL MATERIAL IN THE MICROENCAPSULATION OF SUNFLOWER OIL
S5	poster 1/18	74	Reche Lendinez	University of Balearic Islands	Spain	ENCAPSULATION OF ANTIOXIDANT COMPOUNDS FROM APPLE BY-PRODUCTS USING DIFFERENT COATING MATERIALS
S5	poster 1/19	75	Zeppa	University of Turin	Italy	EFFECT OF COLD DRYING ON CHEMICAL, MICROBIOLOGICAL AND SENSORY CHARACTERISTICS OF AROMATIC HERBS
S5	poster 1/20	81	Bujor	University Agron. Sci. and Vet. Med. of Bucharest	Romania	CHANGES IN CAROTENOID CONTENT OF ORGANIC TOMATO POWDERS DEPENDING ON DRYING PARAMETERS
S05	poster 1/21	86	Sturm	University of Kassel	Germany	INFLUENCE OF STORAGE TIME ON ESSENTIAL OIL COMPONENTS IN DRIED HOPS
S5	poster 1/22	90	Locatelli	Università degli Studi del Piemonte Orientale	Italy	IMPACT OF DRYING CONDITIONS ON THE POLYPHENOLIC COMPOSITION OF HAZELNUT (Corylus avellana L.)
S5	poster 1/23	97	Giordano	University of Turin	Italy	EFFECT OF DRYING CONDITIONS AND STORAGE TIME ON COMPOSITIONAL AND SENSORY CHARACTERISTICS OF UNSHELLED HAZELNUTS
S5	poster 1/24	98	Locatelli	Università degli Studi del Piemonte Orientale	Italy	SPRAY-DRYING CAN IMPROVE WATER SOLUBILITY AND STABILITY OF TURMERIC OLEORESIN FOR FOOD APPLICATIONS
S5	poster 1/25	108	Neri	University of Teramo	Italy	USE OF BLANCHING AND VACUUM IMPREGNATION WITH TREHALOSE AND GREEN TEA AS DRYING PRE-TREATMENTS OF ORGANIC SLICED CARROTS
S5	poster 1/26	111	Carcel	Universitat Politècnica de València	Spain	INFLUENCE OF ULTRASONIC ASSISTED ATMOSPHERIC FREEZE DRYING OF ORANGE PEEL ON FUNCTIONAL PROPERTIES OF DIETARY FIBER
S1	poster 1/27	112	Carcel	Universitat Politècnica de València	Spain	SORPTION ISOTHERMS OF POMEGRANATE PEELS
S01	poster 1/28	156	FREITAS	Federal University of Rio de Janeiro	Brazil	Effect of inlet air temperature and air flow rate iterations on quality of microencapsulated soybean oil and energy savings
S5	poster 1/29	158	Zewdie	Bahir Dar University/KU Leuven	Ethiopia/Belgium	Effect of Curing Conditions and Harvesting Stage of Maturity on Ethiopian Onion Bulb Drying Properties
S5	poster 1/30	168	Komonsing	Silpakorn University	Thailand	EFFECT OF LIGHT ON CURCUMINOIDS CONTENT IN TURMERIC POWDER

S6	poster 1/31	144	Fiora	Politecnico di Torino	Italy	Development of freeze-drying cycle for a proprietary peptide formulation
S6	poster 1/32	159	Arpagaus	NTB University of Applied Sciences and Technology	Switzerland	Nanoparticles of PLA/PLGA biopolymers prepared by nano spray drying
S6	poster 1/33	165	Freitas	Federal University of Rio de Janeiro	Brazil	Effect of the drying process on mass transport of Sphagneticola trilobata pigments using soybean oil as solvent
S6	poster 1/34	180	Susa	Politecnico di Torino	Italy	FREEZE-THAWING OF LIPOSOMES: INVESTIGATION OF CRYOPROTECTORS FOR FREEZE-DRYING

**Poster session 2 : Chemical and polymer materials; Physical properties; Measurement & Process control; Innovative technologies -**

**Industrial processes and equipment; Energy and environment implications; Cultural heritage and art**

S4	poster 2/01	146	Gracia Medrano Braw	Karlsruhe Institute of Technology	Germany	Drying of Polymer-Particle Composites
S4	poster 2/02	170	Alidoost	Politecnico di Torino	Italy	Freeze-drying assisted synthesis of anode active material
S2	poster 2/03	116	Kahlerras	University of Liege	Belgium	Determination of sorption isotherm of mortar and modeling of water diffusivity
S3	poster 2/04	143	AL AHMAD	CEA, Université Paris-Saclay	France	EXPERIMENTAL CHARACTERISATION OF WASTE SLUDGE, THERMO-PHYSICAL PROPERTIES AND DRYING KINETICS.
S10	poster 2/05	125	Leonard	University of Liège	Belgium	INFLUENCE OF SLUDGE CONDITIONING AND DEWATERING ON CONVECTIVE DRYING AT INDUSTRIAL SCALE
S3	poster 2/06	150	Szabó	Budapest University of Technology and Economics	Hungary	DIMENSIONLESS EQUATION FOR VOLUMETRIC HEAT TRANSFER COEFFICIENT AT FLUIDIZED BED DRYING
S9	poster 2/07	62	Román-Roldán	UNAM	Mexico	Heat transfer coefficients in drying of Ocimum basilicum
S07	poster 2/08	42	Moscetti	University of Tuscia	Italy	FEASIBILITY OF COMPUTER VISION AS PROCESS ANALYTICAL TECHNOLOGY FOR THE DRYING OF ORGANIC APPLE SLICES
S7	poster 2/09	161	WU	Tianjin University of Science & Technology	China	EXPERIMENTAL STUDY OF THE DRYING STRESS FISSURING BEHAVIORS USING ACOUSTIC EMISSION METHOD
S7	poster 2/10	175	Iannucci	Politecnico di Torino	Italy	Smart thermocouples for real-time lyophilization monitoring
S9	poster 2/11	178	Lietta	Politecnico di Torino	Italy	Monitoring of a freeze-drying process with IR thermography
S8	poster 2/12	169	TOURNEUR	Université Catholique de Louvain	Belgium	Experimental and numerical study of a radial multi-zone vortex chamber spray dryer
S9	poster 2/13	49	Puente	Universidad de Chile	Chile	Effect of the thickness of the mylar film in the drying kinetics of physalis peruviana pulp processed by refractance window
S09	poster 2/14	13	Moreno	Universidad de La Sabana	Colombia	Influence of maltodextrin on the color and the drying kinetics of fruit pulp dried by refractance window
S9	poster 2/15	52	Ricarte	Universidad de La Sabana	Colombia	DRIED NANOFIBERS VIA ELECTROSPINNING FOR OIL ENCAPSULATION
S9	poster 2/16	104	Carcel	Universitat Politècnica de València	Spain	INFLUENCE OF ULTRASONIC ASSISTED ATMOSPHERIC FREEZE DRYING ON ANTIOXIDANT PROPERTIES OF ORANGE
S9	poster 2/17	113	Mulet	Universitat Politècnica de València	Spain	INFLUENCE OF FREEZING PRETREATMENT ON THE KINETICS OF ULTRASONICALLY ASSISTED HOT AIR DRYING OF ORANGE PEEL
S9	poster 2/18	127	Garcia-Perez	Universitat Politècnica de València	Spain	INFLUENCE OF AIR VELOCITY ON ULTRASONICALLY ASSISTED DRYING OF PORK LIVER
S9	poster 2/19	153	Abatzoglou	Université de Sherbrooke	Canada	Design of an ultrasound-assisted continuous dryer for heat sensitive pharmaceutical granules
S9	poster 2/20	172	Musielak	Poznań University of Technology	Poland	DRYING OF APPLES IN NON-STATIONARY CONDITIONS WITH MICROWAVES AND ULTRASOUND
S5	poster 2/21	164	Md Saleh	University of Kassel	Germany	THE EFFECT OF INTERMITTENT DRYING ON DRYING KINETICS AND QUALITY CHANGE DYNAMICS OF ORGANIC CARROT (DAUCUS CAROTA V. LAGUNA)
S5	poster 2/22	166	Krungkaew	Silpakorn University	Thailand	ECONOMIC ANALYSIS OF USING PARABOLIC GREENHOUSE SOLAR DRYER FOR FRUIT DRYING IN THAILAND
S05	poster 2/23	160	Mounir	Cadi Ayyad University	Morocco	Drying kinetics of <i>Dosidicus gigas</i> undergoing Microwave irradiation
S01	poster 2/24	93	Reed	University of Leeds	UK	How useful is single droplet drying for predicting spray dryer performance of glutamic acid?
S09	poster 2/25	188	Ng	SSCo – Spraying Systems AG/Fluid Air Division	Switzerland	Insoluble Drugs Solid Dispersion by Electrostatic Spray Drying
			empty			
S11	poster 2/27	119	Arsiccio	Politecnico di Torino	Italy	IMAGE SEGMENTATION APPLIED TO THE INVESTIGATION OF CRAQUELURE DOMAINS IN PAINTINGS
S11	poster 2/28	124	Baldissone	Politecnico di Torino	Italy	The resilience to flooding of historical archives
	poster 2/29		late poster	space available		
	poster 2/30		late poster	space available		
	poster 2/31		late poster	space available		
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	poster 2/34		late poster	space available		

**Legenda**

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Cultural Heritage & art session

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