19th CRYOGENICS 2027 | LIST OF ACCEPTED ABSTRACTS

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ID	SUBMITTER		TITLE	ACCEPTED AS	
0005	Saif	AL GHAFRI	DYNAMIC MODELLING AND EXPERIMENTAL DESIGN OF AN ACTIVE MAGNETIC REGENERATION SYSTEM FOR HYDROGEN LIQUEFACTION	**LECTURE**	A2
0066	Enrique	ALCALÁ	ULTRASOUND PROPAGATION AND ABSORPTION IN CRYOVIALS FOR CRYOPRESERVATION	**LECTURE**	C1
0068	Yahya	ALISMAILI	INTEGRATED THERMODYNAMIC AND EXERGY ANALYSIS OF A LARGE-SCALE HYDROGEN LIQUEFACTION PROCESS USING MACHINE LEARNING-BASED SURROGATE MODELLING	**POSTER**	A2
0087	Sujith	AMADALA	PARAMETRIC STUDY OF SLUSH HYDROGEN FLOW THROUGH A HORIZONTAL PIPE	**POSTER** *	A2
0018	Emma	ARAPETYAN	STORAGE OF SEEDS IN LIQUID NITROGEN IS A SUITABLE METHOD FOR THE LONG-TERM PRESERVATION OF THE GENETIC RESOURCES OF CONIFEROUS SPECIES OF THE GENUS ABIES	**POSTER** *	C1
0063	Moritz	BAUMERT	THERMODYNAMICALLY CONSTRAINED SYMBOLIC REGRESSION FOR A HELMHOLTZ EQUATION OF STATE FOR SOLID BENZENE I IN CRYOGENIC APPLICATIONS	**LECTURE**	A2
0014	Gaëtan	BECKER	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF THERMAL AND HYDRAULIC EFFECTS OF CATALYST-FILLED BRAZED ALUMINUM HEAT EXCHANGERS FOR HYDROGEN LIQUEFACTION	**LECTURE**	A2
0099	Upendra	BEHERA	THERMODYNAMIC ANALYSIS OF REGENERATORS AND HEAT EXCHANGERS UNDER OSCILLATORY FLOW IN CRYOGENIC SYSTEMS	**POSTER** *	A1
0100	Upendra	BEHERA	OPTIMIZATION OF MULTI-MESH REGENERATOR STACKS AND GEOMETRIC PARAMETERS FOR PULSE TUBE CRYOCOOLERS	**POSTER** *	A1
0033	Y.G.	BESPALOV	THERMOPHYSICAL PROPERTIES OF SUPERCONDUCTING MAGNETS OF THE REGULAR STRUCTURE OF THE NICA COLLIDER	**TBA**	A1
0094	Subhas	BESRA	STUDY OF LOSS MECHANISM IN HELICOIDAL CRYOGENIC FLOW PASSAGES	**POSTER**	A2
0089	Alexander	BETZ	DIRECT THERMOMETRY OF OPTICAL HEATING IN CRYOGENIC LIGHT MICROSCOPY: THERMAL LIMITS OF VITRIFIED SPECIMENS ON EM SUPPORT GRIDS	**POSTER** *	C1
0098	Jacqueline	BIANCON COPETTI	CRYOPRESERVATION OF BIOLOGICAL MATERIAL USING PDMS-BASED MICRODEVICES BY IMMERSION IN LIQUID AND SLUSH NITROGEN	**LECTURE**	C1
0029	Lennard	BUSCH	DEVELOPMENT OF A COMMERCIAL LAB-SCALE HYDROGEN LIQUEFIER	**LECTURE**	A2
0101	Mark	BUTCHER	OPTIMISATION OF AN INTEGRATED ELECTROMAGNETIC SHIELD CRYOGENIC COOLING SYSTEM FOR A PARTIAL SUPERCONDUCTING MACHINE WITH HTS ROTOR	**POSTER** *	A1
0048	Francisca	CARDOZA	CRYOGENIC DENSITY AND ADSORPTION MEASUREMENTS OF HYDROGEN: CHALLENGES AND SOLUTIONS	**POSTER**	A1
0020	Arijit	DAS	INFLUENCE OF LOCAL THERMAL EQUILIBRIUM AND LOCAL THERMAL NON-EQULIBRIUM APPROACHES ON THERMO-HYDRAULIC PERFORMANCE PREDICTION OF PERFORATED PLATE HEAT EXCHANGERS	**POSTER** *	A1
0092	Johannes	DOLL	LONG-TERM PERFORMANCE OF HYBRID BALL BEARINGS FOR LIQUID HELIUM PUMPS	**LECTURE**	A2
0062	Benoit	DUGUE	WHAT EVERYBODY SHOULD KNOW ABOUT WHOLE-BODY CRYOTHERAPY/CRYOSTIMULATION – AN UPDATED REVIEW	**LECTURE** *	C1

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0040	Robert	EBERWEIN	DESIGN FIRE APPLICABLE TO CRYOGENIC STORAGE TANKS – JUSTIFICATION BY A CALORIMETER CONCEPT	**LECTURE** *	A2
0085	Niko	FAUL	UNLOCKING HIGH-RESOLUTION CRYOBIOLOGY: ABERRATION-CORRECTED CRYO-IMMERSION LIGHT MICROSCOPY FOR NATIVE-STATE BIOIMAGING	**POSTER**	C1
0034	Chengguo	FENG	EFFECTS OF LIQUID BATH FLOW CONFIGURATION ON TEMPERATURE UNIFORMITY AND THERMAL STRESS DURING HUMAN HEART VITRIFICATION	**LECTURE**	C1
0025	Egbert	FISCHER	LESSONS LEARNED FROM SERIES PRODUCTION OF NUCLOTRON-TYPE MAGNETS AT JINR	**TBA**	A1
0080	Thomas	FRANK	NEXT-GENERATION CONTROLLED FREEZING: HEAT TRANSFER, PROCESS FLEXIBILITY AND NATURAL REFRIGERANTS	**LECTURE**	C1
0045	Malte	FREIKNECHT	NUMERICAL ANALYSIS OF THE CRYOPRESERVATION OF PACKED RED BLOOD CELLS WITH OPENFOAM	**LECTURE**	C1
0075	Jiří	FROLEC	THERMAL CONDUCTIVITY OF STRUCTURAL MATERIALS FOR CRYOGENIC APPLICATIONS	**POSTER**	A1
0064	Ophelia	FROTSCHER	THERMODYNAMICALLY CONSISTENT SUBLIMATION PRESSURE CORRELATION DOWN TO ABSOLUTE ZERO	**LECTURE**	A1
0091	Ralf	FUNKE	DEVELOPMENT OF A NOVEL FLOW METERING AND CONTROL SYSTEM FOR CRYOGENIC AND OTHER COLD LIQUEFIED GASES	**LECTURE**	A2
0050	Jiří	GREGOR	ADVANCES IN CAR-T CELL THERAPIES A SINGLE CENTRE EXPERIENCE	**LECTURE**	C1
0061	Steffen	GROHMANN	REQUIREMENTS AND CONCEPTS FOR THE CRYOGENIC LOW-FREQUENCY INTERFEROMETER IN THE EINSTEIN TELESCOPE	**LECTURE**	A1
0017	Kunal	GUPTA	THERMAL BUFFER STRATEGIES FOR PULSED AND FLUCTUATING HEAT LOADS IN CRYOGENIC SYSTEMS FOR HTS-BASED FUSION DEVICES	**POSTER**	A1
0086	Finn	HARWEGE	MECHANICAL CHARACTERIZATION OF EVACUATED THERMAL INSULATION POWDERS UNDER CRYOGENIC AND VACUUM CONDITIONS	**LECTURE**	A2
0043	Wolfgang	HEES	A CASE STUDY OF ONE COLD COMPRESSOR FAILURE IN THE ESS ACCELERATOR CRYOPLANT	**LECTURE**	A1
0012	Friedhelm	HERZOG	CONSTRUCTION OF A LIQUID HYDROGEN PUMP TEST FACILITY	**LECTURE**	A2
0006	Alexander	HORST	SAMPLE CHAMBER FOR LHE-INSITU-TEM INVESTIGATIONS	**POSTER**	A1
0039	Yingxuan	HU	DEVELOPMENT OF A CFD METHOD FOR SUPERFLUID HELIUM FLOW AND HELIUM-3 TRANSPORT TOWARDS ENRICHMENT	**POSTER**	A1
0104	Felipe	HUERTA	MODELLING THE WALL HEAT PARTITIONING FRACTION IN VERTICALLY ORIENTED CRYOGENIC STORAGE TANKS	**LECTURE**	A2
0030	Hejun	HUI	DEVELOPMENT OF A LOW-VIBRATION PLATFORM BASED ON A GIFFORD–MCMAHON CRYOCOOLER FOR QUANTUM APPLICATIONS	**LECTURE**	A1
0095	Chaitanya	CHANATI	A DIMENSIONLESS FRAMEWORK FOR THE PERFORMANCE PREDICTION AND SIZING OF A CONICAL HELICOIDAL EXPANDER FOR CRYOGENIC APPLICATIONS	**POSTER**	A2
0057	Sven	CHUDZINSKI	MONETISING BIOGENIC CO_2 FROM BIOMETHANE & BIO-LNG PLANTS	**LECTURE**	A2
0037	Nakkwan	CHUNG	LOW-TEMPERATURE LEAKAGE BEHAVIOR OF ELASTOMERIC O-RINGS UNDER HIGH-PRESSURE HYDROGEN	**POSTER**	A1

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0026	Jayoon	JEONG	TECHNO-ECONOMIC ASSESSMENT OF LIQUID HYDROGEN IMPORT TERMINALS: LINKING BOIL-OFF MANAGEMENT AND FINANCING CONDITIONS	**LECTURE**	A2
0074	Sunil	JEROME	THERMODYNAMIC LIMITS OF LIQUID SUPERHEAT AND NUCLEATION ONSET IN CRYOGENIC OSCILLATING HEAT PIPES	**POSTER**	A1
0013	Hamza	KARIM	MODELLING OF THERMOSIPHON LOOP IN PROSEC FOR BRAZED ALUMINIUM HEAT EXCHANGERS	**LECTURE**	A2
0051	Md Rashid Raza	KHAN	MODELLING AND SIMULATION OF THERMAL STRATIFICATION, STRATIFIED MASS AND STRATUM THICKNESS IN CRYOGENIC PROPELLANT TANKS	**LECTURE**	A2
0031	Justin Jae Young	KIM	DEVELOPMENT OF A 50KG/DAY HYDROGEN LIQUEFACTION SYSTEM	**LECTURE**	A2
0054	Suhong	KIM	DEVELOPMENT OF LUMPED MODEL BASED ON HEAT TRANSFER FOR BOIL-OFF GAS PREDICTION IN FLAT-BOTTOM LIQUID HYDROGEN STORAGE TANKS	**LECTURE**	A2
0065	Donghoi	KIM	DESIGN FRAMEWORK FOR MIXED-REFRIGERANT PRECOOLED HYDROGEN LIQUEFACTION AND STORAGE AT DISTRIBUTED HYDROGEN HUBS	**LECTURE**	A2
0096	Karri Niranjan	KUMAR	CALIBRATION-FREE EVALUATION OF INTERFACIAL PHASE-CHANGE MODELS FOR CRYOGENIC TANK SELF-PRESSURIZATION	**POSTER**	A2
0052	Peyman	LAHE	TRANSIENT THERMAL-SHOCK RESPONSE AND VIBRATION OF AN ISOTROPIC METAL STRUCTURE DURING CRYOGENIC COOLING: A FINITE ELEMENT STUDY	**POSTER** *	A1
0081	Jens	LÄNGLACHER	THRESHOLD-VOLTAGE SHIFT AND MISMATCH SCALING OF 22 NM FDSOI MOSFETS AT 4 K	**POSTER**	A1
0058	Clara Estillac	LEAL SILVA	SUPERCONDUCTING SYSTEM FOR MAGNETOCALORIC HYDROGEN LIQUEFACTION	**LECTURE**	A2
0007	Cheonkyu	LEE	CYCLE ANAYSIS OF A PRECOOLED HELIUM JOULE–THOMSON REFRIGERATOR FOR 4.2 K PRECOOLING OF SUPERCONDUCTING QUANTUM COMPUTING SYSTEMS	**POSTER**	A1
0015	Seona	LEE	THERMODYNAMIC ASSESSMENT OF AN INTEGRATED LARGE-SCALE CO2 LIQUEFACTION SYSTEM USING LNG, LO2, AND LH2 COLD ENERGY FOR BLUE HYDROGEN PRODUCTION	**LECTURE**	A2
0049	Gensheng	LIN	CRYOGENIC DENSITY MEASUREMENT OF SYNTHETIC LNG USING A HIGH-PRESSURE VIBRATING-TUBE DENSIMETER	**POSTER**	A2
0070	Yureng	LU	EXPERIMENTAL STUDY ON CRYOGENIC CONDENSATION HEAT TRANSFER AND PRESSURE DROP CHARACTERISTICS OF R410A IN ZIGZAG PRINTED CIRCUIT HEAT EXCHANGER	**LECTURE**	A2
0079	Jiaqi	MA	NUMERICAL INVESTIGATION OF THE THERMAL-HYDRAULIC PERFORMANCE OF HYBRID TPMS HEAT EXCHANGERS UNDER CRYOGENIC CONDITIONS	**LECTURE**	A2
0004	Laidi	MAAMAR	HYBRID SVM–DRAGONFLY OPTIMIZATION MODELING OF CO_2 SOLUBILITY IN CRYOGENIC CH_4-BASED LNG MIXTURES FOR FREEZE-OUT PREVENTION	**POSTER**	A2
0011	Matt	MACIAZKA	ENGINEERING CRYOGENICS FOR THE UNDERGROUND: SENSIBLE HEAT MANAGEMENT WITH A LIQUID ARGON DESUPERHEATER AT LBNF/DUNE	**LECTURE**	A1
0060	Pavel	MĚŘIČKA	CONTINGENCY PLANNING, NEW OBLIGATION OF FUTURE SOHO ESTABLISHMENTS LEADING TO INCREASED USE OF CRYOTECHNOLOGY IN MEDICINE	**LECTURE** *	C1

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0044	Pierre	MEURGEY	DESIGN OF A CLOSED LOOP NITROGEN LIQUEFACTION PLATFORM FOR 5 TO 12 TONNES PER DAY LNG AND BIOMETHANE PRODUCTION	**LECTURE**	A2
0010	William	MILLIGAN	TOWARDS NON-INTRUSIVE LIQUID HYDROGEN LEVEL MEASUREMENT USING PHYSICS-INFORMED DISTRIBUTED FIBRE OPTIC SENSING	**POSTER** *	A2
0002	Soumya Ranjan	MOHANTY	FLOW PHYSICS AND ENTROPY GENERATION IN MICRO JOULE–THOMSON VALVES WITH DIFFERENT INLET GEOMETRIES	**LECTURE**	A1
0055	Andrii	MOSTYTSKYI	DEVELOPMENT OF AN ENERGY-EFFICIENT LIQUID-BATH THERMOSTAT AT −130 TO −120 °C USING AN AUTOCASCADE MIXED-REFRIGERANT CYCLE	**POSTER** *	C1
0067	Farheen	MUHAMMED	POOL BOILING PERFORMANCE OF FINNED TUBE BUNDLES FOR SUB-COOLING IN CRYOGENIC PUMPING SYSTEMS	**LECTURE**	A2
0003	Bukke Kiran	NAIK	DESIGN AND DEVELOPMENT OF A 3 T NIOBIUM-TITANIUM SUPERCONDUCTING MAGNET FOR BELOW 5 K	**LECTURE**	A1
0027	Tapas Kumar	NANDI	EXPERIMENTAL STUDIES ON A NEW PRESSURE WAVE REFRIGERATOR USING THREE-STAGE COOLING	**POSTER** *	A1
0109	Petter	NEKSÅ	WHY LIQUID HYDROGEN MAY BECOME AN IMPORTANT ENERGY CARRIER FOR A DECARBONISED SOCIETY	**LECTURE**	A2
0035	Jia	NIE	MICROWAVE FREQUENCY SELECTION FOR REWARMING VITRIFIED ORGANS WITH TEMPERATURE DEPENDENT DIELECTRIC PROPERTIES	**LECTURE**	C1
0032	Dmitri	NIKIFOROV	STATUS OF NEW LOW-TEMPERATURE SUPERCONDUCTING PROJECTS AT JINR	**REJECTED** *	A1
0038	Christopher G.	NORTON	RIGOROUS CHARACTERISATION OF CRYOGENIC NITROGEN GENERATOR AS AN ENABLER FOR MODEL-BASED OPTIMISATION OF DESIGN AND OPERATION	**LECTURE**	A2
0023	Olga	OLSHEVSKA	ECONOMIC ASPECTS OF COMPREHENSIVE PROCESSING OF AIR SEPARATION BY-PRODUCTS	**POSTER**	A2
0009	A.	OSETSKY	CONTINUOUS LYOPHILIZATION: DESING, TECHNOLOGICAL, AND ECONOMIC ASPECTS	**POSTER**	C1
0090	Ion	PACIU	HIGH-SPEED TEMPERATURE MEASUREMENT OF SAMPLE VITRIFICATION AND THAWING IN MICROFLUIDIC CRYOFIXATION	**POSTER**	C1
0078	Inmyung	PARK	EXPERIMENTAL EVALUATION OF A CLOSED-LOOP GRAVIMETRIC LIQUID NITROGEN FLOW CALIBRATION SYSTEM	**LECTURE**	A2
0112	Shrikant	PATTALWAR	QUALIFYING HB650 HIGH BETA SRF CAVITIES FOR PIP-II IN A VERTICAL CRYOSTAT	**LECTURE**	A1
0108	James	PEGG	DESIGN OF FIXED SUPPORTS FOR THE HL-LHC CRYOGENIC DISTRIBUTION LINE (QXL)	**POSTER**	A1
0093	Sebastian	PENA-FELDMANN	SAFE, EFFICIENT AND INTUITIVE REFUELLING OF CRYOGENIC FUELS	**LECTURE** *	A2
0047	Anna	PIAZZI	THERMO-MECHANICAL ANALYSIS OF LIQUID HYDROGEN TANK FILLING	**LECTURE**	A2
0102	Jaroslaw	POLINSKI	FUNCTIONAL TESTS OF FAIR SUPER-FRS LOCAL CRYOGENIC SYSTEM FIRST-OF-SERIES (FOS) COMPONENTS	**LECTURE**	A1
0041	Fabian	PRIMKE	THERMODYNAMIC PERFORMANCE OF LIQUID HYDROGEN TRANSFER SYSTEMS: A COMPARISON OF CENTRIFUGAL PUMP AND PRESSURE-DRIVEN TRANSFER	**LECTURE**	A2
0036	Rachamalla Geeth	RAJ	NUMERICAL AND EXPERIMENTAL INVESTIGATION OF AXIAL HEAT CONDUCTION IN CRYOGENIC OFFSET-STRIP PLATE-FIN HEAT EXCHANGERS (300–80 K)	**LECTURE** *	A2

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0103	Rachamalla Geeth	RAJ	PARAMETRIC STUDY OF THERMO-HYDRAULIC PERFORMANCE OF OFFSET STRIP FINS IN CRYOGENIC HELIUM FLOW REGIMES	**LECTURE** *	A2
0097	Pallavi	RAJEEV	DESIGN OF A 300MK PLATFORM INTEGRATING GM CRYOCOOLER WITH SORPTION COOLER IN A SELF-CONTAINED 42U SERVER CONTAINER	**POSTER**	C1
0001	Gautam	RANJAN	EXPERIMENTAL AND NUMERICAL STUDIES ON THERMO-MAGNETIC CHARACTERISATION OF A MAGNETORESISTIVE HEAT SWITCH OPERATING BELOW 7 K	**LECTURE**	A1
0008	Holger	REINSCH	NANODROPLET VITRIFICATION BY THE USE OF A CRYOGENIC FLUID	**LECTURE** *	C1
0083	Carlos	RINCON-RUIZ	CRYOGENIC THERMAL CONDUCTIVITY MEASUREMENT OF THERMAL INTERFACE MATERIALS USING THE THREE-OMEGA METHOD	**POSTER** *	A1
0111	Ramon	RISCO	SONOWARMING: ULTRASOUND-BASED REWARMING OF CRYOPRESERVED ORGANS TOWARD LONG-TERM ORGAN BANKING	**LECTURE**	C1
0046	Chris	SALVINO	BUILDING DILUTION REFRIGARATION AT SCALE: ADDRESSING THE EMERGING HELIUM-3 SUPPLY CONSTRAINT	**LECTURE**	A1
0056	Guinevere	SELLNER	ORTHO-PARA HYDROGEN CONVERSION IN CRYOGENIC PURIFICATION ADSORBENTS FOR LIQUID HYDROGEN SYSTEMS	**LECTURE**	A2
0071	Vinay	SHARMA	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF FLOW RATE, ORIENTATION AND FLOW PATTERNS ON CRYOGENIC CHILLDOWN OF TRANSFER LINES USING LIQUID NITROGEN	**LECTURE**	A2
0110	Kiran	SHINDE	STRUCTURAL, MAGNETIC, AND MAGNETOCALORIC PROPERTIES OF $GD_{2-x}HO_xNI_{17}$ (X = 0–0.75)	**POSTER**	A1
0053	Timo	SCHELM	TECHNO-ECONOMIC IMPLICATIONS OF HYDROGEN LOSSES IN AIRPORT LH_2 STORAGE AND REFUELLING	**LECTURE** *	A2
0059	Gunar	SCHROEDER	THERMAL MATERIAL CHARACTERIZATION FROM 300 K TO 4 K: EXPERIMENTAL SETUPS AND MEASUREMENT EXPERIENCES AT ILK	**LECTURE**	A1
0069	Julian	SCHUNK	NECESSITY OF EXPERIMENTAL VAPOR-LIQUID EQUILIBRIUM DATA OF NEON-CONTAINING REFRIGERANT MIXTURES FOR COOLING HTS POWER APPLICATIONS	**LECTURE**	A2
0105	Paul	STANWIX	CRYOGENIC SOUND SPEED AND PHASE EQUILIBRIUM MEASUREMENTS OF HELIUM + NEON	**LECTURE**	A2
0076	Liam	TENARDI	EXPERIMENTAL DEMONSTRATION OF HYDROGEN LIQUEFACTION USING A PERMANENT-MAGNET REFRIGERATOR	**LECTURE**	A2
0042	Gregor	TROMMLER	EXPERIMENTAL CHARACTERIZATION AND FURHTER DEVELOPMENT OF A CRYOSTAT FOR CRYOGENIC CURRENT COMPARATORS	**LECTURE**	A1
0107	Pavel	URBAN	CONVERSION OF A FREEZE-FRACTURE AND COATING SYSTEM FOR LIQUID HELIUM COOLING: DESIGN AND APPLICATION TO BIOPOLYMER SAMPLE PREPARATION	**POSTER**	A1
0106	Srini	VANAPALLI	CRYOGENICS FOR QUANTUM TECHNOLOGIES: EFFICIENCY, VIBRATIONS AND COOLING ARCHITECTURES	**LECTURE**	A1
0084	Timo	WECKERLE	DESIGN ANALYSIS OF MICROSTRUCTURED HEAT EXCHANGERS FOR THE USE IN LAB-SCALE HELIUM LIQUEFACTION	**POSTER** *	A1
0082	Paweł	WOJCIESZAK	EXPERIMENTAL ASSESSMENT OF THERMAL CONTACT CONDUCTANCE BETWEEN STAINLESS STEEL PIPES AND ALUMINIUM THERMAL LINKS AT CRYOGENIC TEMPERATURES	**LECTURE**	A2

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0028	Changtong	XU	THERMODYNAMIC OPTIMIZATION OF MIXED REFRIGERANTS FOR JOULE-THOMSON CRYOCOOLERS OPERATING BELOW 70 K	**LECTURE**	A1
0019	Xiaoxian	YANG	FULL PRESSURE–TEMPERATURE PHASE DIAGRAMS OF HYDROGEN-CONTAINING MIXTURES WITH SOLID–LIQUID–VAPOR EQUILIBRIUM	**POSTER** *	A2
0021	Xiaoxian	YANG	UNDERSTANDING THE SOURCES OF SCATTER IN CRYOGENIC HYDROGEN ADSORPTION MEASUREMENTS	**POSTER** *	A2
0022	Xiaoxian	YANG	TECHNO-ECONOMIC COMPARISON OF HYDROGEN STORAGE TECHNOLOGIES FOR STATIONARY TRANSPORT AND FUEL-CELL TRUCKS	**POSTER** *	A2
0088	Yuanzhong	YU	EFFECTS OF PATTERNED NANOSTRUCTURED ALUMINIUM SURFACES ON CRYOGENIC PIPE QUENCHING	**POSTER**	A1
0073	Taisiia	YURCHUK	BIPHASIC RECONSTRUCTION RESTORES OOCYTE-CUMULUS COMMUNICATION AND SUPPORTS MEIOTIC MATURATION FOLLOWING SEPARATE CRYOPRESERVATION	**LECTURE**	C1
0072	Rui	ZHA	INVESTIGATIONS ON A TWIN ROTARY HELIUM COMPRESSOR FOR DRIVING A 1.6 K PULSE TUBE CRYOCOOLER.	**LECTURE**	A1
0024	Meng	ZHANG	NUMERICAL STUDY OF TAYLOR BUBBLE DYNAMICS IN A SINGLE-TURN HELIUM PULSATING HEAT PIPE	**LECTURE**	A1
0077	Zhaoyang	ZHENG	NUMERICAL INVESTIGATION OF THE EFFECTS OF ACOUSTIC PARAMETERS ON BUBBLE MANIPULATION IN CRYOGENIC LIQUIDS	**POSTER** *	A1
0016	Alessandra	ZUMBO	COUPLING INTERFACE DYNAMICS AND THERMODYNAMIC RESPONSE IN CRYOGENIC TANK SLOSHING THROUGH REDUCED ORDER MODELLING	**LECTURE** *	A2