
LTD-1 1 Time Table

Special session : time varies with the talks.

Invited : 25 min. talk + 5 min. discussion

Ora I: 10 min. talk + 5 min. discussion

Poster : 1 min. talk

Category	Subsession	Chair Person	1-Aug	Speaker(family, given)	Affiliation	ID	Title	Ver. 4. July 27
			8:00				Registration, put up posters of session I (C1xx, G1xx, H1xx) in hall.	
			9:00	Organizer			Note	
			9:05	Kurakado, Masahiko	Osaka Electro-Commun. Uni.		Welcome	
Special session		1.Aug	9:10	invited Niinikoski, Tapio	CERN	A5	Early developments and future directions in the physics with low-temperature detectors	
Special session		Perret-Gallix, D.	9:30	invited Nucciotti, Angelo	University of Milano-Bicocca	A1	Application of cryogenic detectors in subnuclear and astroparticle physics	
Special session		(CNRS)	9:50	invited Freese, Katherine	University of Michigan	A2	Dark Matter in the Universe	
			10:30	10:45			Coffee Break	
Special session		Stodolsky, L.	10:45	invited Kelley, Richard	NASA GSFC	A3	X-Ray Microcalorimeters for Astro-E2 and High Energy Astrophysics	
Special session		(MPI)	11:25	invited Koshiha, Masatoshi	University of Tokyo	A4	The Neutrinos	
			12:05	13:30			Lunch & Poster Session I (viewing) Neutrino Physics, Dark Matter, Detector Technology	
Neutrino physics		1.Aug	13:30	poster Broniatowski, Alexandre	CSNSM/CNRS	H100	Germanium cryogenic detectors: alpha surface events rejection capabilities	
Neutrino physics		Gatti, F.	13:31	poster Pirro, Stefano	INFN Milano	H101	Development of bolometric light detectors for Double Beta Decay Searches	
Neutrino physics		(INFN)	13:32	poster Monfardini, Alessandro	INFN Milano	H102	Study of systematic uncertainty sources in neutrino mass experiments with AgReO4 microcalorimeters	
Neutrino physics			13:33	poster Capozzi, Francesca	University of Milano-Bicocca	H103	Comparison between implanted Si and NTD-Ge thermistors performance in AgReO4 microcalorimeter arrays for a new neutrino mass experiment.	
Neutrino physics			13:35	oral Monfardini, Alessandro	INFN Milano	H10	The New Rhenium Experiment: a next-generation calorimetric neutrino mass experiment with thermal detectors.	
Neutrino physics			13:50	oral Pergolesi, Daniele	University of Genoa	H11	MANU-2: a second generation experiment for calorimetric neutrino mass determination with superconducting Re	
Neutrino physics			14:05	oral Pirro, Stefano	INFN Milano	H12	Further developments in the CUORICINO Experiment	
Neutrino physics			14:20	oral Nones, Claudia	University of Milano-Bicocca	H13	A new method for background rejection with surface sensitive bolometers	
The research for dark matter			14:35	invited Seidel, Wolfgang	Max Planck Institute for Physics	G1	Recent detector progress in direct dark matter search	
			15:05	15:20			Coffee Break	
The research for dark matter		1.Aug	15:20	poster Juillard, Alexandre	CSNSM CNRS	G110	Ge/NbSi detectors for EDELWEISS-II : Identification of surface events using athermal phonon measurement with NbSi thin film thermometers	
The research for dark matter		Chardin, G.	15:21	poster Coppi, Chiara	TU Muenchen	G111	Quenching Factor Measurement for CaWO ₄ by Neutron Scattering	
The research for dark matter		(CEA Saclay)	15:22	poster Isaila, Christian	TU Muenchen	G112	Scintillation light detectors with Neganov-Luke amplification	
The research for dark matter			15:23	poster Broniatowski, Alexandre	CSNSM CNRS	G113	Polarisation effects and space-charge build-up in cryogenic Ge detectors for Dark Matter search	
The research for dark matter			15:24	poster Broniatowski, Alexandre	CSNSM CNRS	G114	Computer modelling of ionisation signals in cryogenic Ge detectors: physical basis and code structure	
The research for dark matter			15:25	poster Pyle, Matt	Stanford University	G115	Increasing the discriminatory ability of CDMS detectors	

The research for dark matter		15:26	poster	Daal, Miguel	University of California Berkeley	G116	Ionization Collection in Regions of Distorted Electric Field in the CDMS ZIP Detector
The research for dark matter		15:27	poster	Brink, Paul	Stanford University	G117	The SuperCDMS proposal for Dark Matter Detection
The research for dark matter		15:28	poster	Mirabolfathi, Nader	University of California Berkeley	G118	Detector commissioning for the CDMSII final run at the Soudan deep underground laboratory
The research for dark matter		15:30	oral	Westphal, Wolfgang	TU Muenchen	G10	Detector Calibration Measurements in the CRESST experiment
The research for dark matter		15:45	oral	Petricca, Federica	Max Planck Institute for Physics	G11	CRESST: First results with the phonon light technique
The research for dark matter		16:00	oral	Broniatowski, Alexandre	CSNSM CNRS	G12	Cryogenic germanium detectors for dark matter research: surface events rejection by charge measurements
The research for dark matter		16:15	oral	Censier, Benjamin	CSNSM CNRS	G13	Final results of the EDELWEISS-I dark matter search with cryogenic heat-and-ionization Ge detectors
Detector technology	TES and calorimeter	16:30	poster	Saab, Tarek	NASA GSFC	C120	Determination of Lateral Diffusivity in Single Pixel X-ray Absorbers with Implications for Position Dependent Excess Broadening
Detector technology	TES and calorimeter		withdrawn	Terracol-Stephane	LLNL	C121	Noise Analysis of Transition-Edge Sensor X-ray Microcalorimeters with Different Material Composition
Detector technology	TES and calorimeter	16:31	poster	Galeazzi, Massimiliano	University of Miami	C122	Intrinsic noise sources in superconductors near the transition temperature
Detector technology	TES and calorimeter	16:32	poster	Kunieda, Yuichi	University of Tokyo	C123	Characterization of Ir/Au pixel TES
Detector technology	TES and calorimeter	16:33	poster	Yoshino, Tomotaka	ISAS JAXA	C124	Properties of vacuum-evaporated bismuth absorber
Detector technology	TES and calorimeter	16:34	poster	Porter, F. Scott	NASA GSFC	C125	The development of high resolution silicon x-ray microcalorimeters
Detector technology	MMC	16:35	poster	Hsieh, Wen-Ting	NASA GSFC	C126	Progress in Magnetic Calorimeter Array Development
Detector technology	MMC	16:36	poster	Eguchi, Hiroshi	Brown University	C127	Properties of Vapor-Deposited Er:Au Films for Metallic Magnetic Calorimeters
Detector technology	MMC	16:37	poster	Fleischmann, Andreas	University of Heidelberg	C128	Numerical study of the signal to noise ratio of MMCs with meander shaped pickup coil
Detector technology	fabrication tech	16:38	poster	Bruijn, Marcel	SRON	C129	Progress in fabrication of micro-calorimeter arrays: X-ray absorbers and high density stripline wiring
Detector technology	fabrication tech	16:39	poster	Sadleir, John	NASA GSFC	C130	Bismuth X-ray Absorber Studies for TES Microcalorimeters
Detector technology	fabrication tech	16:40	poster	Rocks, Lindsay	University of Wisconsin	C131	Thin Absorbers for Large-Area Soft X-ray Microcalorimeters
Detector technology	fabrication tech	16:41	poster	Kim, Seung Cheon	Seoul National University	C132	Development of the low temperature calorimeter with a Diamond Absorber
Detector technology	fabrication tech	16:42	poster	Galeazzi, Massimiliano	University of Miami	C133	Integrated microcalorimeters using Ir TES and Sn mushroom absorbers
Detector technology	fabrication tech	16:43	poster	Kenyon, Matt	JPL	C134	Background-limited membrane-isolated TES bolometers for far-IR/submillimeter direct-detection spectroscopy
Detector technology	fabrication tech	16:44	poster	LeDuc, Henry	JPL	C135	Fabrication of Antenna Coupled Transition Edge Sensors for Polarimeter Applications
Detector technology	fabrication tech	16:45	poster	Yun, Minhee	JPL	C136	Fabrication of Superconducting Transition Edge Sensor Based on Mo and Au bilayers
Detector technology	fabrication tech	16:46	poster	Repetto, Pietro	University of Genoa	C137	Pulsed Laser Deposition of Ir TES: status and performance.
Detector technology	fabrication tech	16:47	poster	Gastaldo, Loredana	INFN Genoa	C138	Using the Gamma phase hcp AlAg compound for TES construction.

Detector technology	fabrication tech		16:48	poster	Lefranc, Sebastien	IAS CNRS	C139	Superconduction NbSi thermometers: noise and performance for use in a TES device operated at 300mK.
Detector technology	fabrication tech		16:49	poster	Hoshino, Akio	Tokyo Metropolitan University	C140	Evaluation of the IR-UV blocking filters for ADR with a TES microcalorimeter
Detector technology	fabrication tech		16:50	poster	Lam, Simon Kwai-Hung	CIP CSIRO	C141	Fabrication of Ta/Ta-oxide/Ta Trilayer Tunnel Junctions
Detector technology	fabrication tech		16:51	poster	Friedrich, Stephan	LLNL	C142	Design of a 8x14 Pixel Ta-based Superconducting Tunnel Junction X-ray Detector Array
Detector technology	fabrication tech		16:52	poster	Kurakado, Masahiko	Osaka Electro-Communication University	C143	Detection of radiations with superconducting series-junction detectors
Detector technology	fabrication tech		16:53	poster	Navick, Xavier-Francois	CEA/ DSM /DAPNIA	C144	23 Ionization Heat detectors for the Dark Matter search with Edelweiss-2
			16:55	18:30				Poster Session I (core time) Neutrino Physics, Dark Matter, Detector Technology
The research for dark matter		1.Aug	18:30	oral	Winkelmann, Clemens	University of Tokyo	G14	ULTIMA: a detector prototype for Dark Matter search using superfluid Helium-3
The research for dark matter		Seidel, W.	18:45	oral	Ogburn, R. Walter	Stanford University	G17	Characterization, performance, and future advanced analysis of detectors in the Cryogenic Dark Matter Search (CDMS-II)
The research for dark matter		(MPI)	19:00	oral	Filippini, Jeffrey	University of California, Berkeley	G15	Limits on WIMP-Nucleon Interactions from the Cryogenic Dark Matter Search at the Soudan Underground Lab
The research for dark matter			19:15	oral	Ogawa, Hiroshi	Kamioka Observatory	G16	The current status of XMASS experiment
			19:30					Posters of session I are moved to corridor by organizer. Put up posters (C2xx, D2xx, F2xx, I2xx) in hall.

Detector technology	novel type		10:46	poster	Ohno, Masashi	RIKEN	C209	Development of low energy particle detector using superconducting transition edge sensor
Detector technology	novel type		10:47	poster	Maehata, Keisuke	Kyushu University	C210	Development of dielectric microcalorimeter by using 0.99SrTiO ₃ -0.01SrTa ₂ O ₆ materials
Detector technology	large array		10:50	oral	Wicht, Pascal	University of Bern	D20	Improvement of phase transition boundary with cylindrical tin arrays
Detector technology	large array		11:05	oral	Hilton, Gene	NIST	D21	A 1,280 pixel TES array with an in-focal-plane SQUID Multiplexer for SCUBA-2
Detector technology	large array		11:20	oral	Schmidt, Daniel	NIST	D23	A superconductor-insulator-normal metal bolometer with microwave readout suitable for large-format arrays
Detector technology	large array		11:35	oral	Kraft-Bermuth, Saskia	GSI	D24	Development of an array of calorimetric low temperature detectors for heavy ion physics
			11:50	13:30				Lunch & Poster Session II (viewing) Detector Technology, Cryogenics, Astronomy
Detector technology	large array	2.Aug	13:30	oral	Allen, Christine	NASA GSFC	D25	Backshort-Under-Grid arrays for infrared astronomy
Detector technology	large array	Lee, A.	13:45	oral	Bay, Thomas	Stanford University	D26	Transition-Edge Sensor Arrays for UV-Optical-IR Astrophysics
Detector technology	large array	(Uni. California)	14:00	oral	Figuroa-Feliciano, Enectali	NASA GSFC	D27	Design and Performance of High-Fill Fraction TES Arrays for Future X-ray Astrophysics Missions
Detector technology	large array		14:15	oral	Myers, Michael	University of California Berkeley	D28	Antenna-coupled Bolometer Arrays using Transition Edge Sensors
Detector technology	large array		14:30	oral	Orlando, Angiola	Cardiff University	D29	A waveguide-coupled millimetre-wave TES bolometer suitable for 2-D arrays
Astronomy from microwave to			14:45	poster	Ota, Naomi	RIKEN	I230	Performance verification of the Astro-E2 X-ray spectrometer in the flight configuration
Astronomy from microwave to			14:46	poster	Cottam, Jean	NASA GSFC	I231	Ground Calibration of the XRS Microcalorimeter Instrument
Astronomy from microwave to			14:47	poster	Kilbourne, Caroline	NASA GSFC	I232	Analysis of the XRS background
Astronomy from microwave to			14:48	poster	Brown, Greg	LLNL	I233	Laboratory astrophysics and atomic physics using the NASA/GSFC microcalorimeter spectrometers at the LLNL Electron Beam Ion Trap and Radiation Properties Facility
Astronomy from microwave to			14:49	poster	Stern, Robert	Lockheed Martin Solar and Astrophysics Lab	I234	Progress in X-ray Microcalorimeter Research at LMSAL
Astronomy from microwave to				withdrawn	Martinez-Galarce, Dennis	Lockheed Martin Solar and Astrophysics Lab	I235	Predicted Soft X-ray Observations of a Solar Active Region in the 300-2000 eV range using the Advanced Technology Solar Spectroscopic Imager
Astronomy from microwave to			14:50	poster	Yvon, Dominique	CEA-CE Saclay	I236	A millisecond-risetime sub-millimeter light source for lab tests and in flight bolometer calibration.
Astronomy from microwave to			14:51	poster	Nguyen, Hien	JPL	I237	ZSpec - A Compact Bolometric Submm/mm Waveguide Grating Spectrometer - Description of the Instrument and Performance
Astronomy from microwave to			14:52	poster	Shiki, Shigetomo	Osaka Electro-Communication University	I238	Astronomical Observation using Nb-STJ detector
Cryogenics for LTD	electronic cooling		14:53	poster	Miller, Nathan	NIST	F240	A practical electron-tunneling refrigerator: cooling of low-temperature detectors and bulk material
Cryogenics for LTD	electronic cooling		14:54	poster	Furlan, Miha	Paul Scherrer Institute	F241	Self-cooling cryogenic microcalorimeters made of SINIS junctions
Cryogenics for LTD	electronic cooling		14:55	poster	Maasilta, Ilari	University of Jyväskylä	F242	Electron-phonon interaction in thin Aluminum-Manganese films
Cryogenics for LTD	cryostat		14:56	poster	Martin, Didier	ESA ESTEC	F243	Pulse-tube Refrigerators for Superconducting Tunnel Junction Arrays
Cryogenics for LTD	cryostat		14:57	poster	Sarkar, Swapan Chandra	Jadavpur University	F244	Influences of regenerator thermal efficiencies in reverse stirling cycle based cryogenerator

			3-Aug					
			8:00					Registration, put up posters of session III (B4xx, E4xx, J4xx, L4xx) in hall.
Astronomy from microwave to		3.Aug	8:30	invited	Verhoeve, Peter	ESA ESTEC	I1	S-Cam 3: optical astronomy with a STJ-based imaging spectro-photometer
Astronomy from microwave to		McCammon, D.	9:00	oral	Staguhn, Johannes	NASA GSFC	I30	First Astronomical Images Obtained With An Array Of Multiplexed Superconducting Bolometers
Astronomy from microwave to		(Uni. of Wisconsin)	9:15	oral	Hunt, Cynthia	Cardiff University	I31	Results from the SCUBA-2 850 μ m prototype sub-array
Astronomy from microwave to			9:30	oral	Gatti, Flavio	INFN Genova	I32	TES microcalorimeter development for future Italian X-ray astronomy missions.
Astronomy from microwave to			9:45	oral	Kuo, Chao-Lin	JPL	I33	Antenna Coupled TES Bolometers for SPIDER
Astronomy from microwave to			10:00	oral	Stevenson, Thomas	NASA GSFC	I34	Building blocks for a polarimeter-on-a-chip
			10:15	10:30				Coffee Break
Cryogenics for LTD	electronic cooling	3.Aug	10:30	oral	Silverberg, Robert	NASA GSFC	F30	Integrated Electron-tunneling Refrigerator and TES Bolometer for Millimeter Wave Astronomy
Cryogenics for LTD	cryostat	Verhoeve, P.	10:45	invited	Narasaki, Katsuhiko	Sumitomo Heavy Industries	F1	Mechanical Coolers operating below 4.5 K for Space Application
Cryogenics for LTD	cryostat	(ESA)	11:15	oral	Fujimoto, Ryuichi	ISAS JAXA	F31	Neon Dewar for the X-ray Spectrometer onboard Astro-E2 satellite
Cryogenics for LTD	cryostat		11:30	oral	Shirron, Peter	NASA GSFC	F32	A Continuously Operating Adiabatic Demagnetization Refrigerator for Cooling to 10 mK and Below
Cryogenics for LTD	cryostat		11:45	oral	Kushino, Akihiro	AIST	F33	Cryogen-free cryostat for large-scale arrays of superconducting tunnel junction ion detectors in time-of-flight mass spectrometry
			12:00					Free afternoon, Excursion (lunch included)

			4-Aug						
			8:00					Registration	
Device physics	STJ	4. Aug	9:00	invited	Prober, Daniel	Yale University	B1	Dynamic Properties and Energy Resolution of STJ (Superconducting Tunnel Junction) Photon Detectors	
Device physics	STJ	Hoevers, H. (SRON)	9:30	poster	Samedov, Victor	Moscow Engineering Physics Institute	B400	Theoretical Basis for Position Correction Method for Improving the Energy Resolution of Cryogenic Imaging Detectors	
Device physics	STJ		9:31	poster	Andrianov, Victor	Lomonosov Moscow State University	B401	Quasiparticle Recombination in STJ X-Ray Detectors	
Device physics	STJ		9:32	poster	Stokes, Michael	Lancaster University	B402	Defect-induced temperature and galvanomagnetic effects in a niobium-based superconducting tunnel junction	
Device physics	STJ		9:33	poster	Hijmering, Richard	ESA ESTEC	B403	Imaging spectroscopy with Ta/Al DROIDS: performance for different Al trapping layer thicknesses	
Device physics	STJ		9:35	oral	Kozorezov, Alexander	Lancaster University	B40	Quasiparticle dynamics in superconducting tunnel junctions	
Device physics	STJ		9:50	oral	Golubov, Alexander	University of Twente	B41	Subgap structures due to Andreev bound states in Ta/Al junctions	
Device physics	STJ		10:05	oral	Martin, Didier	ESA ESTEC	B42	Vertical Inhomogeneities in Superconducting Tunnel Junctions	
Device physics	STJ		10:20	oral	Hijmering, Richard	ESA ESTEC	B43	Imaging spectroscopy with Ta/Al DROIDS: performance for different absorber lengths	
				10:35	10:50				Coffee Break
Device physics	Novel type	4. Aug	10:50	poster	Marrache-Kikuchi, Claire Akiko	CSNSM CNRS	B404	Properties of thermometric NbSi thin films and application to detection in astrophysics	
Device physics	Novel type	Kozorezov, A. (Lancaster Uni.)	10:51	poster	Kim, Yong-Hamb	Brown University	B405	Electron-Phonon Interactions in Metal Films on Dielectric Substrates	
Device physics	Novel type		10:52	poster	Ishida, Takekazu	Osaka Prefecture University	B406	Thermal transient response of membrane-structured-superconducting MgB ₂ detector by using 20-ps pulse laser	
Device physics	Novel type		10:53	poster	Gao, Jiansong	JPL	B407	Experimental study on the kinetic inductance fraction of a superconducting coplanar waveguide	
Device physics	Novel type		withdrawn	Utsumi, Yasuhiro	RIKEN	B408	Counting statistics in a single-electron transistor		
Device physics	Novel type		10:55	oral	Piat, Michel	College of France	B44	Modelisation of Planck-HFI bolometers using non-linear effects in thermometer	
Device physics	Novel type		11:10	oral	Stevenson, Thomas	NASA GSFC	B45	Silicon Hot-Electron Bolometers with Single-Electron Transistor Readout	
Device physics	Novel type		11:25	oral	Machida, Masahiko	JAERI	B46	Direct Numerical Simulation on Non-equilibrium Superconducting Dynamics after Neutron Capture in MgB ₂ superconductor	
X-ray material analysis				11:40	poster	Drury, Owen	LLNL	J420	The Advantages of Soft X-rays and of Cryogenic Spectrometers for Synchrotron-Based Chemical Speciation Measurements on Dilute Samples
X-ray material analysis				11:41	poster	Friedrich, Stephan	LLNL	J421	Analysis of Nitrogen Dopants in Zinc Oxide by X-ray Absorption Spectroscopy
X-ray material analysis			11:42	poster	Ohkubo, Masataka	AIST	J422	X-ray Absorption Spectroscopy of High-k Gate Dielectric Insulating Layers for Next-Generation Semiconductor Devices by Superconducting Detectors	
X-ray material analysis			11:43	poster	Perinati, Emanuele	INAF	J423	Preliminary results of X-ray detection using a microcalorimeter with Pb-Bi absorber	
X-ray material analysis			11:44	poster	Perinati, Emanuele	INAF	J424	High-Z superconducting films as X-ray absorbers for arrays of microcalorimeters	
X-ray material analysis			withdrawn	Hoehne, J	VeriCold	J425	Development of a High-Resolution Cryogen-Free X-ray Spectrometer Based on Superconducting Tunnel Junctions		

			11:45	13:30				Lunch & Poster Session III (viewing) Device Physics, X-ray Analysis, Novel applications, Signal read-out
Novel industrial and laboratory		4.Aug	13:30	poster	Miki, Shigehito	Osaka Prefecture University	L430	Superconducting characteristics of MgB ₂ neutron detector fabricated on SiN membrane
Novel industrial and laboratory		Hilton, G.	13:31	poster	Nakamura, Tatsuya	JAERI	L431	Development of neutron imaging detector with pulse height correlation between two superconducting tunnel junctions on Li ₂ B ₄ O ₇ crystal
Novel industrial and laboratory		(NIST)	13:32	poster	Andrianov, Victor	Lomonosov Moscow State University	L432	Nonmagnetic X-Ray Fe-55 Source
Novel industrial and laboratory				withdrawn	Gevorgyan, Samvel	Yerevan State University	L433	A Radically New Principle of Operation Seismic Detector of Nano-scale Vibrations
Novel industrial and laboratory			13:33	poster	Loidl, Martin	CEA LNHB	L434	Nuclear and atomic data determination with metallic magnetic calorimeters
Novel industrial and laboratory			13:34	poster	Friedrich, Stephan	LLNL	L435	Design of a Bolometer for Total Energy Measurement of the Linear Coherent Light Source X-ray Laser
Device physics	TES and calorimeter		13:35	poster	Irwin, Kent D.	NIST	B409	Noise theory of nonlinear, nonequilibrium calorimeters and bolometers
Device physics	TES and calorimeter		13:36	poster	Crowder, S. Gwynne	University of Wisconsin	B410	An Investigation of Excess Noise in Transition-Edge Sensors on a Solid Substrate
Device physics	TES and calorimeter		13:37	poster	Maasilta, Ilari	University of Jyvaskyla	B411	Ballistic phonon heat transport in thin dielectric membranes
Analysis in the life sciences			13:40	oral	Friedrich, Stephan	LLNL	K40	A 36-channel Superconducting Tunnel Junction X-ray Spectrometer for Environmental Metal Speciation
Analysis in the life sciences			13:55	oral	Ohkubo, Masataka	AIST	K41	Fragmentation Analysis of Matrix-Assisted Laser Desorption/Ionization (MALDI) Process in a Mass Range from Peptides to Macromolecules by Superconducting Ion Detectors
Analysis in the life sciences			14:10	oral	Smith, Stephen	University of Leicester	K42	Optical Fluorescence of Biological Samples using STJs
Signal read-out and processing			14:25	poster	Masui, Kensuke	ISAS JAXA	E440	Frequency-domain multiplex with eight-input SQUID and readout electronics over 1~MHz
Signal read-out and processing			14:26	poster	Smith, Stephen	University of Leicester	E441	Signal Processing for Distributed Read-Out using TESs
Signal read-out and processing			14:27	poster	Bandler, Simon	NASA GSFC	E442	Non-Linear Effects in Transition Edge Sensors used for X-ray Detection
Signal read-out and processing			14:28	poster	Zakosarenko, Viatcheslav	IPHT Jena	E443	Time domain multiplexing for superconducting bolometers read out by integrated SQUIDS
Signal read-out and processing			14:29	poster	Marnieros, S	CSNSM	E444	Read-out electronics for the EDELWEISS Ge/NbSi thin film sensor detectors
Signal read-out and processing			14:30	poster	van der Kuur, Jan	SRON	E445	Frequency domain multiplexing development for high count rate microcalorimeters
Signal read-out and processing			14:31	poster	Nagata, Hirohisa	National Astronomical Observatory	E446	Cryogenic Readout Integrated Circuits for Submillimeter-wave Camera
Signal read-out and processing			14:32	poster	Pirro, Stefano	INFN Milano	E447	The cold preamplifier stage of CUORICINO: towards 1000 channels.
Signal read-out and processing			14:33	poster	Yates, Stephen	CNRS CRTBT	E448	The use of HEMTs in multiplexing large arrays of high impedance LTDs
Signal read-out and processing			14:34	poster	Oshima, Tai	Tokyo Metropolitan University	E449	Development of a low temperature SQUID gradiometer for magnetic microcalorimeter
			14:35	16:10				Poster Session III (core time) Device Physics, X-ray Analysis, Novel applications, Signal read-

Novel industrial and laboratory		4.Aug	16:10	invited	Katagiri, Masaki	JAERI	L1	Cryogenic detectors for advanced neutron sources
Novel industrial and laboratory		Friedrich, S.	16:40	oral	Friedrich, Stephan	LLNL	L40	Neutron absorption spectroscopy for identification of light elements in actinides
Novel industrial and laboratory		(LLNL)	16:55	oral	CHEN, Jian	Nanjina University	L41	A compact terahertz spectrum analyzer using HTS Josephson junctions
Novel industrial and laboratory			17:10	oral	Matsuo, Hiroshi	National Astronomical Observatory	L42	Future prospect of superconducting detectors in terahertz frequencies
Novel industrial and laboratory			17:25	oral	Taino, Tohru	Saitama University	L43	THz waves Detection using Superconducting Tunnel Junction
			17:40	18:00				Coffee Break
Novel industrial and laboratory		4.Aug	18:00	oral	Stodolsky, Leo	Max Planck Institute for Physics	L44	Study of Fracture Processes with a Cryogenic Detector
Novel industrial and laboratory		Prober, D.	18:15	oral	Ligi, Carlo	INFN	L45	Particle acoustic detection in gravitational wave aluminum resonant antennas
Novel industrial and laboratory		(Yale Uni.)	18:30	oral	Taralli, Emanuele	IEN G. Ferraris	L46	Improvement of titanium film absorption by antireflection coatings
Novel industrial and laboratory			18:45	oral	Irwin, K (Nam, Sae Woo)	NIST	L47	High efficiency optical transition-edge sensors for quantum information science
Novel industrial and laboratory			19:00	oral	Egelhof, Peter	GSI	L48	Calorimetric Low Temperature Detectors for Lamb shift Measurements on Hydrogen-like Heavy Ions
Novel industrial and laboratory			19:15	oral	Shinozaki, Keisuke	Tokyo Metropolitan University	L49	First application of a TES microcalorimeter to a thermonuclear fusion plasma experiment
			19:30					Posters of session III (B4xx, E4xx, J4xx, L4xx) are moved to corridor by organizer. Remove posters of session II (C2xx, D2xx, F2xx, I2xx).

			5-Aug					
			8:00					
X-ray material analysis		5-Aug	9:00	invited	Taniguchi, Kazuo	Osaka Electro-Communication University	J1	X-ray spectroscopy by means of high energy resolution technique
X-ray material analysis		Fukuda, D.	9:30	oral	Isaila, Christian	TU Muenchen	J50	X-ray microanalysis with microcalorimeters
X-ray material analysis		(AIST)	9:45	oral	Tanaka, Keiichi	SII NanoTechnology	J51	Transition Edge Sensor- Energy dispersive spectrometer (TES-EDS) using cryogen free dilution refrigerator for a material analysis
			10:00	10:15				Coffee Break
Device physics	TES	5-Aug	10:15	invited	Hoeyers, Henk	SRON	B2	Thermal Physics of TES arrays
Device physics	TES	Irwin, K.	10:45	oral	Maasilta, Ilari	University of Jyvaskyla	B50	Optimizing the operating temperature of a transition edge sensor
Device physics	TES	(NIST)	11:00	oral	Bruijn, Marcel	SRON	B51	Steepness, noise and instabilities of Ti/Au transition edge thermometers
Device physics	TES		11:15	oral	Saab, Tarek	NASA GSFC	B52	Determination of Complex Microcalorimeter Parameters with Impedance Measurements
Device physics	TES		11:30	oral	Deiker, Steven	Lockheed Martin Solar and Astrophysics Lab	B53	Transition Edge Sensors Using Dilute AlMn Alloys
Device physics	TES		11:45	oral	Lindeman, Mark	University of Wisconsin	B54	Percolation Model of Excess Electrical noise in Transition Edge Sensors
			12:00	13:30				Lunch
Signal read-out and processing		5-Aug	13:30	invited	Lee, Adrian	University of California Berkeley	E1	SQUID Multiplexers for Large TES Arrays
Signal read-out and processing		Takahashi, H.	14:00	oral	Beyer, Joern	PTB	E50	Highly-sensitive and robust SQUID current sensors for low-temperature detector readout
Signal read-out and processing		(Uni. of Tokyo)	14:15	oral	Yamasaki, Noriko	ISAS JAXA	E51	Design of Frequency Domain Multiplexing of TES Signals by Multi-input SQUID
Signal read-out and processing			14:30	oral	Lanting, Trevor	University of California Berkeley	E52	Frequency-domain multiplexed readout of transition-edge sensor arrays with a superconducting quantum interference device
Signal read-out and processing			14:45	oral	Furlan, Miha	Paul Scherrer Institute	E53	New frequency modulation readout based on relaxation oscillations
Signal read-out and processing			15:00	oral	Benjamin A. Mazin	JPL	E54	Digital Readouts for Large Microwave Low Temperature Detector Arrays
Signal read-out and processing			15:15	oral	Irwin, Kent	NIST	E55	Microwave SQUID Multiplexer
Signal read-out and processing			15:30	oral	Henry, Samuel	University of Oxford	E56	Multichannel SQUID systems for particle physics experiments
Signal read-out and processing			15:45	oral	Doriese, W. Bertrand	NIST	E57	Toward kilopixel arrays: 3.8 eV X-ray microcalorimeter resolution in eight-channel SQUID multiplexer
			16:00		?			Best Poster Awards
			16:15		Stodolsky, Leo	MPI		Closing Remark
			16:30		Chardin, G	DAPNIA CEA Saclay		Announcement of LTD-12
			16:40					Remove posters of session III (B4xx, E4xx, J4xx, L4xx).