

International Workshop on Position Sensitive Neutron Detectors - 2018

	Time	PaperID	Paper Title	Presenter
Tuesday May 15			Bus transportation to Jülich IBIS Hotel Aachen Marschierort (11:00) ; Novotel Aachen City in front of the hotel (11:10h); Aquis Grana and Best Western Hotel Regence guests -> go to Komphausbadstrasse (11:10h)	
	12:00		Onsite Registration / Light Snack	
	14:00		Welcome	
Session Chair: Nigel Rhodes	14:00-16:30	14:10	OT-01 Multi-Blade 10B-based detector for neutron reflectometry: results obtained at the CRISP reflectometer at ISIS	Francesco Piscitelli
		14:30	OT-02 Multi-Grid detector design for direct geometry spectrometers CSPEC and T-REX at the ESS	Anton Khaplanov
		14:50	OT-03 Multi-Grid detectors with large grids and low sensing gas pressure operation	Fabien Lafont
		15:10	OT-04 Simulation Tools for Detector and Instrument Design	Thomas Kittelmann
		15:30	OT-05 Geant4 Study for Intrinsic Scattered Neutron Background in Multi-Grid Detector	Eszter Dian
		15:50	OT-06 GEANT4 simulations for the optimization of the Jalousie detector design for the HEIMDAL thermal powder diffractomete	Irina Stefanescu
		16:10	OT-07 Status of gaseous position-sensitive detector development at Frank Laboratory of Neutron Physics	Andrey Churakov
	16:30-17:00		Coffee break	
Poster Session Chair: ALL	17:00-18:30	PT-01	The research of a honeycomb neutron convertor based neutron detector for neutron scattering	Yigang YANG
		PT-02	Development of a compact flat panel neutron detector	Hiroyuki Takahashi
		PT-03	Fast neutron sensitivity of neutron detectors based on Boron-10 converters layers	Giacomo Mauri
		PT-04	Test of a linear position sensitive neutron detection unit based on a light sharing approach	Jean-Baptiste Mosset
		PT-05	Oxide glass and polycrystalline scintillators for neutron detection in wide energy range	Georgy Dosovitskiy
		PT-06	Development of a solid-state position sensitive neutron detector based on 6Li-glass scintillator and digital SiPM arrays	Matthias Herzkamp
		PT-07	Construction of a position sensitive detector system for the TOPAS instrument at MLZ	Guido Vehres
		PT-08	Guidelines for Neutron Beam Monitors at the European Spallation Source	Fatima Issa
		PT-09	Solid state neutron detector implementation at the European Spallation Source	Laura Boyd
		PT-10	Semi-automated wire winding, precise positioning and wire-tension control for a high-resolution curved Multiwire-Proportional Chamber	Alan Howard
		PT-11	Assessment of performance of silicon photomultipliers in scintillator based neutron detectors	Shashank Kumar
		PT-12	Optical Observation of Single Neutron Detections in Scintillators	Marita Mosconi
		PT-13	Fabrication of BGaN solid state detector for neutron imaging	Takayuki Nakano
		PT-14	B4C coated patterned silicon sensors for thermal neutron detection	Shruti Mehendale
		PT-15	Development of a neutron and photon detector using sipm arrays and pulse shape analysis for defense applications	Francis Thomson
		PT-16	Prototype of neutron monitor with solid-state converter	Aleksey Kurilkin
		PT-17	Detector rate estimate for the BIFROST instrument at ESS	Milan Klausz
		PT-18		
		PT-19	Arduino-based Readout Electronics for Neutron Physics	Jannis Weimar
		PT-20	URANOS - a voxel engine Neutron Transport Monte Carlo Simulation	Markus Köhli
		PT-21	Absolute time referenced readout and processing of events in Helium-3 based neutron detectors	Jonas Nilsson
		PT-22	Underwater detection of hazardous substances with neutron beams: the SABAT project	Michal Silarski
		PT-23	Further Investigations into the Properties of Wavelength Shifting Fibres for Neutron Detector Applications at ISIS	Quintino Mutamba
		PT-24	Response of GS20 to alpha radiation measured with multi-anode PMT	Emil Rofors
		PT-25	Spatially resolved soil moisture sensing by cosmic ray neutrons	Markus Köhli
		PT-26	Investigation of neutron scattering in the Multi-Blade detector with a Geant4 based simulation	Gabor Galgoczi
	19:00-21:00		Welcome Dinner Reception in Juelich and bus transportation to Aachen (ca. 21:30)	

International Workshop on Position Sensitive Neutron Detectors - 2018

	Time	PaperID	Paper Title	Presenter
Wednesday May 16			Bus transportation to Jülich IBIS Hotel Aachen Marschierort (07:20h) ; Novotel Aachen City in front of the hotel (07:30h); Aquis Grana and Best Western Hotel Regence guests -> go to Komphausbadstrasse (07:30h)	
Session Chair: Nigel Rhodes	08:30-10:30	08:30	OW-01 Neutron detectors & electronics for the instruments of the CSNS	Zhijia Sun
		08:50	OW-02 Development of a 3He based microstrip gas chamber (MSGC) with a novel 2D readout: the individual cathode charge division readout	Damien Roulier
		09:10	OW-03 Anode Pad Readout for He-3 Neutron Detectors Operating in Ionization Mode	Graham Smith
		09:30	OW-04 CHARM - A Prototype of a fast, high resolution curved 3He-based Multiwire- Proportional Chamber for the powder diffractometers DMC and ERWII	Ilario Defendi
		09:50	OW-05 Development of a large area Trench-MWPC for the XtremeD diffractometer	Julien Marchal
		10:10	OW-06 μ NID: Micro-pixel chamber based neutron imaging detector system for energy-resolved neutron imaging at the pulsed neutron source of J-PARC	Joseph Parker
	10:30-11:00		Coffee break	
Session Chair: Ralf Engels	11:00-13:00	11:00	OW-07 Development of two-dimensional scintillation neutron detectors at J-PARC	Tatsuya Nakamura
		11:20	OW-08 High rate position sensitive neutron detectors based on wavelength shifting fibre coupled ZnS:Ag/6LiF at ISIS	Jeff Sykora
		11:40	OW-09 The Neutron Scintillator Detector Arrays (NSDA) for the GPPD in the CSNS	Bin Tang
		12:00	OW-10 Neutron sensitive Anger Camera with submillimeter resolution using silicon photo multiplier:	Richard Riedel
		12:20	OW-11 Recent Advances in the SoNDe Neutron Detector Project	Sebastian Jaksch
		12:40	OW-12 Count rate capability of a ZnS:6LiF based scintillation neutron detector read out with a SiPN	Malte Hildebrandt
	13:00-14:00		Lunch	
Session Chair: Karl Zeitelhack	14:00-16:00	14:00	OW-13 Thermal-neutron response of a SoNDe detector measured at IFE	Emil Rofors
		14:20	OW-14 Boron Coated Straw Tubes: a detector option for the LoKI instrument at ESS	Davide Raspino
		14:40	OW-15 Design construction and characterization of a large area/high efficiency thermal neutron BAND-GEM full module detecto	Andrea Muraro
		15:00	OW-16 Detector rate estimates for the Small Angle Neutron Scattering Instruments at ESS	Kalliopi Kanaki
		15:20	OW-17 A modular Triple GEM Detector readout system for neutron time of flight and imaging measurements	Andrea Abba
		15:40	OW-18 A New Fully Time Synchronised, Miniaturised Readout System for High Channel Numbers	Robert Schneider
	16:00-16:30		Coffee break	
Session Chair: Richard Hall-Wilton	16:30-18:30	16:30	OW-19 Inclined Boron Foil Glass GEM Detector for Neutron Reflectometer	Takeshi Fujiwara
		16:50	OW-20 Large high-efficiency thermal neutron detectors based on the Micromegas technology	Georgios Tsiledakis
		17:10	OW-21 Status of the ongoing studies of B-10 RPCs for position-sensitive neutron detectors	Luis Margato
		17:30	OW-22 Design optimization and image reconstruction for position sensitive thermal neutron detectors with ANTS2 toolkit	Andrey Morozov
		17:50	OW-23 Design study of the new HiCoReLAN detector	Gregor Nowak
		18:10	OW-24 Open access to the EC-JRC neutron facilities GELINA and MONNET	Jan Heyse
	circa 18:45		Bus leave Library	
	19:30-22:00		Dinner @ Castle	
Conference Dinner @Burg Obbendorf (19:30-21:30) - Transfer to Aachen (ca. 21:30)				

International Workshop on Position Sensitive Neutron Detectors - 2018

	Time		PaperID	Paper Title	Presenter
Thursday May 17				Bus transportation to Jülich IBIS Hotel Aachen Marschierort (07:20h) ; Novotel Aachen City in front of the hotel (07:30h); Aquis Grana and Best Western Hotel Regence guests -> go to Komphausbadstrasse (07:30h)	
Session Chair: Karl Zeitelhack	08:30-10:30	08:30	OTh-01	A Novel Technique for Quantitative Oil and Water Determination in Geological Formations by Neutron Resonance Spectroscopy and Imaging	Volker Dangendorf
		08:50	OTh-02	Automatic detection of recoil-proton tracks and background rejection criteria in liquid scintillator-micro-capillary-array fast neutron spectromete	Ilan Mor
		09:10	OTh-03	A novel fast neutron imaging diagnostic for the ITER neutral beam source	Marco Tardocchi
		09:30	OTh-04	Multifunctional crystalline scintillation materials of GAGG family to detect fast neutrons	Mikhail Korzhik
		09:50	OTh-05	High Resolution Neutron Detection by the (y)TPC method	Markus Köhli
		10:10	OTh-06	Software event processing of Gd-GEM detector data integrated into the acquisition chain	Morten Jagd Christensen
	10:30-11:00			Coffee break	
Session Chair: Nigel Rhodes	11:00-13:00	11:00	OTh-07	Large Area, High Resolution, Neutron Detectors for Radiographic Inspections	Vivek Nagarkar
		11:20	OTh-08	Research of a nMCP detector for the energy selective neutron imaging	Yigang YANG
		11:40	OTh-09	MCP-based neutron imagers	Serge Duarte Pinto
		12:00	OTh-10	High Spatial Resolution and High Detection Efficiency Cold Neutron Imaging Detector Based on Newly Developed Gd Scintillation Glass Fiber Faceplates	Xiaodong Zhang
ALL		12:20	+Closing	Farewell / Light Snack	

Next Bus connection

FZJ – Aachen 13:30.

FZJ – Aachen Main Railway Station 13:30. (approximate arrival time 14:10)

FZJ – Düren Main Railway Station 13:30 (approximate arrival time 13:50.)