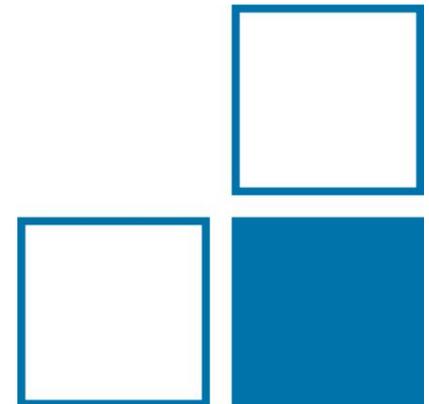


Status of the ARIEL TA Facilities and Projects

R. Nolte



Status of the ARIEL TA Facilities



Survey in February 2021:

BNC	Belgysa	03.02.2021	operating, only remote access , no personal contact with staff possible, education and training delayed
JYFL	Penttilä	24.02.2021	operating, only internal users and commercial services
NESSA	Prokofiev	02.02.2021	NESSA construction going on, n-generator delayed, hope to be operational in 2022
ALTO	Wilson		
IFIN	Sava	02.02.2021	operating, no external (non-national ?) users , 14 days quarantine for EU countries
CVR	Kostal		
HISPANOS	Fernandez	24.02.2021	fully operational, only national users , sanitary rules apply
NPL	Bunce	02.02.2021	operational , hosted national users, 10 days quarantine for foreigners
JRC	Plompen		
SCK	Wagemans	03.02.2021	BR1 operating, open for external user , Belgium rules apply
nTOF	Vlachoudis		
FNG	Fiore	01.02.2021	closed until Easter, will restart planning if Covid situation is stable for two months
PIAF	Nolte	01.02.2021	operating for internal users, external user with remote control
UIF	Majerle	01.02.2021	neutron generators operating , projects with national external user were carried out, presently access to site is limited, cyclotron will be upgraded in second half 2021 , expected downtime 6 months
nELBE	Beyer	01.02.2021	resume operation in mid February, delayed projects were re-submitted
ARGOR	Brandenburg	01.02.2021	operating for national users, excess impossible for foreigners due to quarantine regulations
GENESIS	Billeaud	01.02.2021	operating, max. two users from 8:00 - 17:00 , curfew after 18:00, national travel restrictions of user countries apply
AMANDE	Gressier	03.02.2021	operating nominally , mostly national users, foreign users possible
ILL	Köster		reactor started beginning of Feb. , many experiments of external users performed by inhouse scientist, non-EU users need quarantine and tests

Status of approved TA projects

ARIEL TA: Status of Accepted Experiments 2021-05								
PAC code	Spokesperson	Institute	Title	Facility	Facility contact	Time granted	Time delivered	Status
TAA_1_2	Michal Kostal	CVR Rez	Response matrix of stilbene and new detection materials	PIAF	Ralf Nolte	64 h	32 h	Split in two runs, first run completed, travel restrictions in Czech Republic still effective
TAA_1_3	Gregory Lehaut	LPC Caen	SCALP(CF4) @ nELBE	nELBE	Roland Beyer	168 h		Original proposal to nELBE PAC expired, resubmission was not successful due to Covid-Related overbooking of nELBE. Another resubmission envisaged.
TAA_1_4	Massimo Nocente	U of Milano-Biococca	Characterization of the neutron response function of a CLYC scintillator crystal for fusion plasma applications	HISPANOS	Carlos Guerrero	60 h		Will run the experiment in September/October 2021, hopefully with them at our laboratory, but otherwise running online
TAA_1_5	Alberto Boso	NPL	Activation of a Sb-Be monoenergetic neutron source via thermal neutron irradiation	CVR	Michal Kostal	1 h		No news from NPL. Alberto Boso left NPL.
TAA_1_6	Alix Sardet	CEA	Response function and calibration of a compact fast neutron spectrometer using a stilbene crystal	PIAF	Ralf Nolte	90 h	116 h	Exp. finished, analysis under way
TAA_2_2	Greg Henning	CNRS	Proton inelastic scattering cross sections on ^{40}Ca	IFIN_HH	Tiberiu Sava	168 h		Accelerator ready, experiment to be programmed starting with September 2021
TAA_2_3	Stephan Pomp	UU	Isomeric yield ratios and fission fragment angular momentum in alpha-induced fission of ^{232}Th	JFYL	Heikki Penttilä	100 h		Experiment has not been scheduled, largely due to Covid 19 access restrictions. Will try to scheduled on the earliest possible time after August 2021.
TAA_2_4	Marcus Nyman	JRC	Photoactivation of accelerator beamline and beam dump materials	nELBE	Roland Beyer	120 h		Proposal for test beam time rejected by nELBE PAC. Submission of the final proposal planned for second half of 2021