

With deep sadness we communicate that our dear friend and coworker Dr. Alberto Filevich, known to friends as “EL FLICHO”, passed away last February. We would like to express our deep gratitude and memory with this small tribute. He will remain in the hearts and thoughts of all of us.

The LAHN Team

BIOGRAPHY OF ALBERTO FILEVICH by friends and coworkers

Alberto graduated at Instituto Balseiro, and made a career as engineer and experimental physicist, joining several important projects at the National Atomic Energy Commission of the Argentine Republic (CNEA).

He actively participated designing projects and research programmes, first within the former Department of Physics of the CNEA, later at the “Research and Applications Management Office” and lately as a senior advisor for the LAHN Department.

He collaborated in the seminal stages of the construction of the TANDAR accelerator; until recently he had an outstanding role in the design and development of the so-called multipurpose chamber of nuclear reactions of the TANDAR Lab. and was also Head of the former Division of Experimental Nuclear Physics during the early days of irradiations using the accelerator.

He later became one of the pioneer researchers of the Pierre Auger Observatory in Argentina. Since the very beginning of the project, he took part in the meeting at the

UNESCO headquarters in Paris in 1995, when it was decided that the Observatory would be installed in Argentina. He worked hardly on the site selection process in Mendoza, not only on the field survey but on the atmospheric characterization of the sites.

Flicho was also responsible for the experiments performed with prototype Cherenkov detectors. He built the “Tango Array”, an array of detectors which were used to perform critical experiments for the characterization and calibration of the Auger project detectors.

Later, he collaborated with the mounting and start-up of the ion implantation system and joined the actual Department of Solar Energy working on the upgrade of a reaction chamber where electronic devices are today irradiated for testing their use in satellite technology.

Since very recently (2017), working already as a Senior Advisor and in retirement, he joined the LAHN project, collabo-



Photography: K-G Rensfelt

rating with the ASTOR team. He participated with his well-known enthusiasm, generously sharing all his experience and making valuable contributions in various aspects of the design and the security aspects; as well as in irradiation of fuel materials, shielding, alignment procedures and many other activities.

Flicho leaves behind a legacy of love and respect for work, tolerance, tenacity and sacrifice for leading successful projects, perseverance and above all, humility.

We join his family in their sorrow and are grateful for having been able to work with Flicho. We will miss you!



Outreach and Public Awareness

The LAHN present at numerous national and international events

Launching our Agenda for Outreach and Dissemination of the LAHN project, we participated in some national and international conferences and meetings. We also visited Universidad Nacional de Misiones to celebrate its 45th anniversary.



Argentine Conference in Archeometry. Amaicha del Valle Tucumán.

UCANS VII (Union for Compact Accelerator-driven Neutron Sources)

LAHN presentation at Universidad Nacional de Misiones, Posadas.

At “Woman in Nuclear” Bariloche.



Instrument development

ASTOR shows progress in its Preliminar Engineering with a series of presentations from the design team

On April 11th, a meeting took place to discuss the progress of the preliminary engineering of ASTOR instrument, at the Conference Room Emma Pérez Ferreira of CAC. During the day, the advances were discussed with



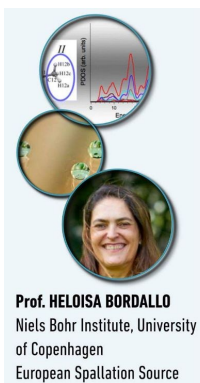
respect to the last Review Meeting for the Conceptual Design which took place in march 2017 with the visit to Buenos Aires of the STAP members, who made a series of recommendations to the team. This time, the team members showed how these recommendations were considered and included in the design of various components, such as collimation of beam, optical design and expected performance of the imaging instrument. Also the mechanical design of some critical subsystems, calculations of shielding, physical safety and factibility studies for the implementation of a system for energy selection at ASTOR were revisited. The meeting was attended by all the ASTOR design team members who made 30 minutes presentations of each topic. Also the LAHN team of direction and other invited staff.



Training and Education

Visit of Heloísa Bordallo

On April 9th we organised the 1st LAHN Seminar 2018 in Bariloche. Our honor guest was Dr. Heloísa Nunez Bordallo, from Neils Bohr Institute, Copenhagen. Heloísa gave a talk about the challenges and opportunities behind the construction of the European Spallation Source, ESS.



SEMINARIO LAHN
The remarkable science viable by using neutrons scattering

LUNES 9 | ABRIL 14:00HS
Salón de Actos
Instituto Balseiro

Prof. HELOISA BORDALLO
Niels Bohr Institute, University of Copenhagen
European Spallation Source



Calls and Job Offers

Scholarships and Permanent Positions

- **Recruiting the manager of the Sample Environment group at ANSTO:** Applications must be submitted online, via: <http://anstocareers.nga.net.au> — Job Ref - A180032 — Deadline 27 May 2018
- **Ph.D. and Postdoc positions in neutron physics at SMI Austrian Academy of Sciences** Deadline for applications: 31 May 2018

Schools and Courses

- **NIST/ORNL School on Representational Analysis and Magnetic Structure (RAMS)** University of Maryland College Park, USA- June 20 - June 23, 2018.
- **II Escuela de Cristalografía en Biología Estructural CELFI** 27 August to 7 September 2018. FCEN—UBA.
- **2nd Nordic/Baltic School on neutron scattering**, Tartu, Estonia. 8-21 September 2018
- **MATRAC 1 School 'Application of Neutrons and Synchrotron Radiation in Materials Science'**, Lauenburg and Hamburg, Germany, September 2 to 7, 2018
- **MDANSE 2018 school - simulation of inelastic neutron scattering data** — Puerto de la Cruz, Tenerife, 24 – 28 September 2018

LAHN | LABORATORIO ARGENTINO DE HACES DE NEUTRONES

www.lahn.cnea.gov.ar



News from RA-10

During April, the grounding grid for the Services Building and LAHN's experimental hall were installed and on April 28th the concrete casting of the Auxiliary Building was performed.

The novel operators being trained in the third level performed supervised complementary training at the RA-1 reactor, aimed at integrating all learnt concepts and gaining familiarity with measurement techniques typical of an experimental reactor.



Upcoming events

PNCMI 2018: International Conference on Polarised Neutrons for Condensed-Matter Investigations July 3-6, 2018, Milton Hill near Abingdon, UK

SXNS15: 2018 International Conference on Surface X-ray and Neutron Scattering July 15-19, 2018, Pohang Light Source, Republic of Korea.

QENS2018: 15th International Conference on Applications of Quasielastic Neutron Scattering July 15-20, 2018, Hong Kong University, China

SAS2018: XVII International Conference on Small-Angle Scattering October 7-12, 2018, Traverse City, USA.

JCNS workshop 2018: Trends and Perspectives in Neutron Instrumentation October 29 - November 1, 2018, Tutzing, Germany.

[More events](#)