

## Personal History

Family Name: Sajo-Bohus  
Given Name: Laszlo  
Permanent Address: Caracas, El Hatillo Calle H, Quinta B, Venezuela  
1083  
Permanent Phone.: 58 212 963 71 79  
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E – mail: [lsajo@usb.ve](mailto:lsajo@usb.ve), [sajobohus@gmail.com](mailto:sajobohus@gmail.com),  
Date Place of Birth: 23 May 1947, Miskolc (Hungria)  
Nationality at Birth: Hungarian (Magyar)  
Present Nationality: Venezuelan Identification number: 2940749  
Marital Status: Widow, Two children (Alexandra and Andrew)  
Knowledge of Language:  
Speak, read and write easily: Italian, English, Spanish, Hungarian,  
Speak with difficulty: French, Portuguese, and German  
Basic: Russian  
Academic Achievements: **Professor Emeritus**  
**Académico**, Member of the National Academy of Engineering and  
Habitat Academy of Venezuela  
Full Professor  
Senior Tenure at the Physics Department, Simon Bolivar University  
Invited for the UNAM Mexico Catedra Angel Dacal (2014)  
Invited professor at the University of Padua, Italy (2015)  
Invited Professor at the Potifica Universidad Catolica del Peru (2016)  
Invited visiting professor by the Eotvos Lorand University

### Invited to give training lectures

I have been actively collaborating with several Latinamerican Universities to set up laboratory experiments, research and teaching programs. For reference are mentioned the:  
Universidad Pontificia PUCP Lima Perú ((training in nuclear track methodology for radon and progenie) 2016  
Universidad de Ingenieria Lima Perú (training in nuclear track methodology for radon) 2015  
University of Asuncion, Physics Department, Asuncion, Paraguay  
University of Cusco, Physics Depart., Cusco, Peru  
University of Antofagasta, Antofagasta Chile  
Univeristy of Amazonas, Florencia Caqueta, Colombia  
Univeristy at El Paso, Texas USA

Organizer of the Latinamerican Environmental Radiation Network – RED -LARA  
<http://redlaralca.blogspot.pe/>

### Regularly asked as referee for the:

**ari: Applied Radiation and Isotopes**  
**nima: Nuclear Inst. and Methods in Physics Research, A**  
**nimb\_proceedings: NIMB Proceedings**  
**RADMEAS: Radiation Measurements**  
**European Physical Journal A.**  
**Revista Mexicana de Fisica (Mexico)**  
**Boletín de Geología (Colombia)**  
**Revista CIENCIA de la Facultad de Ciencias de LUZ , (Venezuela).**

**La Agencia Nacional de Promoción Científica y Técnica (ANPCyT) (Argentina)**  
**Miembro del directorio de evaluadores externos de proyectos de investigación en la PUCP, Peru**  
**Karbala International Journal of Modern Science (Iraq)**

**Scientific Publication evaluation from web page:**

[http://scholar.google.com/citationshl=en&user=JjqKR04AAAAJ&pagesize=100&view\\_op=list\\_works](http://scholar.google.com/citationshl=en&user=JjqKR04AAAAJ&pagesize=100&view_op=list_works)

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133 scientific publication ref.:

[https://www.researchgate.net/profile/L\\_Sajo-Bohus](https://www.researchgate.net/profile/L_Sajo-Bohus)

Education professional studies:

1963-69	Technical Institute for Industry:"G. Feltrinelli" Milano (Italy)
Degree:	Trained Technician in Nuclear Energy, Perito Técnico in Energía Nuclear
1969-1973	University of Milan (Italy)
Degree:	Doctor in Physical Sciences, Laurea di Dottore in Scienze Fisiche
1973- 1975	University of Milan, Italy. Atomic and Nuclear Physics School
Degree:	Trained in Atomic and Nuclear Physics. Diploma di Specializzazione in Fisica Atomica e Nucleare, (Equivalent to a Ph.D. degree).
1982-1985	University of Birmingham, Birmingham (U.K.).
Degree:	Ph.D. in Physics (Applied Nuclear Science)

**Professional Work History**

Employed at the University Simon Bolivar since 1975

2013-205	Coordinator of the Doctorate program Doctorado Interdisciplinario en Ciencias USB
2012-2013	Head of the Nuclear Physics Section, Universidad Simon Bolivar
2000-2013	Coordinator of the Nuclear Technology unit of FUNINDES_USB
2002-2003	Head of the Nuclear Physics Section, Universidad Simon Bolivar
1997-2012	Head of the Nuclear Technology Management Unit, Universidad Simon Bolivar
1996-1999	Coordinator of Analytical Nuclear Techniques, ARCAL IV, IAEA Vienna Austria
1990-1994	Head of Physics Laboratories, Universidad Simón Bolívar.- Jefe del Laboratorio "D"
1977-1981	Head of Nuclear Physics Section Universidad Simón Bolívar.
1972-1973	Assistant of Physics Course. University of Milan, Italy
1971-1972	Technician at Tekelec Airtronic. (Milan - Italia).

**Scholarships**

1970-1973	Italian Ministry of Education
1982-1985	CONICIT - Venezuela
Several times:	Short term financial support from IAEA - Vienna-Austria;
British Council	in Caracas, 1998; to work on boron neutron capture therapy at the University of Birmingham UK.
MTA - Budapest,	Domus Hungarica Scientiarum et Artium; 2001.
ICTP-Trieste	2000; Program training in Italian Laboratories
CNR and INFN of Italy	1999 to work on Explosive detection with nuclear technique
IAEA Nuclear Data Section,	Vienna, Austria 2001

### Academic Distinctions and Awards:

Senior Tenure at the Physics Dep. University Simon Bolivar  
Honorary Research Fellow of the University of Birmingham. 1986  
Ordinary member of the Senior Common Room. University of Birmingham.  
Life Member of the Birmingham University, U.K.  
Vice-President of the Nuclear Society of Venezuela 1980.  
Member of **PPI- 4-th** highest level of the program to promote researchers CONICIT/FONACIT 1990-2008 (nationally recognized researcher).  
1991 **Special Distinction** from the University Francisco de Paula de Santander- Colombia  
1992 **Award "Andrés Bello"** Universidad Simón Bolívar, Venezuela  
1996 Elected member of the International Nuclear Track Society (INTS).  
1998-2012 Member of the International Committee of the INTS  
1996-2012 Member and founder of the Sociedad Venezolana de Física Médica  
**First Class Award** of the 18-th July Order, Universidad Simon Bolivar.  
Elected Member of the Eotvos Physical Society – Budapest Hungary since 1997  
Member of the American Standard Testing Materials, 1996 USA  
**Visiting Professor** (vendég Professor) at the Atomphysics department of Eötvös L University (ELTE) at Budapest Hungary  
**Award** of the Venezuelan National Commission of Merit, **Profesor Meritorio Nivel I** - 1998-2002  
**Award 2006**, Professors Association of the USB; **Premio año 2006**, de la Asociación de los Profesores de la Universidad Simon Bolivar por meritos docentes Teaching Merit  
**Award 2007** Universidad Santa Maria Facultad de Odontología VI jornadas odontológicas I- Congreso Internacional USM. Niveles de radiación en sala clínica.  
Member of the **World Council** of Hungarian Professors  
**Award** from the organizers of the 24th-int. Conf. on Nuclear Track. 1-5 Sept,2008 Bologna Italy,  
Founding Member of the Sociedad de Física Médica de Venezuela  
Founding and Honorary Member of the Venezuelan Radiological Protection Society (Miembro Fundador y miembro Honorario de SOVEPRA Member of the SOVEPRA committee  
**Award Pro Ars Hungria 2009**  
**National Award from the Science Academy of Cuba 2010**  
**Award** poster presentation at the 25ICNTS Puebla Mexico Septiembre 2011  
Member of the Foreign Members of International Thorium Molten-Salt Forum 2012  
Miembro Fundador de la Asociación Latino-Americana de Física Nuclear y Aplicaciones  
Founding Member of the Latinamerican Nuclear Physics and Application Association - ALAFNA 2011 ( Member of the steering committee)  
2013 Country Head for Venezuela of the **Global Network of Doctorates**  
Guest Editor de la revista: Radiation Measurements 2012  
Referee for articles submitted to Radiation Measurements, Nuclear Inst And Methods, European Physical Journal A.,  
Academic Staff at the Panamerican Institute of Advanced Study, PASI 2010 Aug 1-13, Joao Pessoa, Brasil <http://meetings.nsl.msui.edu/pasi2010/>,  
International Board Member of recent Scientific Meetings. (Miembro del comité internacional en reuniones científicas recientes):  
Dosimetría De Estado Sólido, Encuentro Internacional de Física Médica y Protección Radiológica Cusco, Perú, 13 – 16 de Abril, 2014  
The IX International Symposium on Radiation Physics. Benemérita Universidad Autónoma de Puebla, in Puebla, Pue. MEXICO, 2013  
25th International Conference on Nuclear Tracks in Solids, September 4-9, 2011 Puebla, México  
13th INTERNATIONAL CONFERENCE ON NUCLEAR REACTION MECHANISMS  
Varenna (Italy), Villa Monastero, 11-15 June 2012.  
VI-International Symposium of the Radiation Physics Division of the Mexican Physics Society Division, Zacatecas, Marzo, 2010, Mexico.  
Varenna (Italy), Villa Monastero, 15 June 2015.  
Invited Member of the editorial board of *Mecánica Social, Mexico*

*awarded Recognized Reviewer Status from NIM Nuclear Inst. and Methods in Physics Research, A November 2015*

### **Invited Collaboration with International Institutions**

I have been actively collaborating with several Latinamerican Universities to set up laboratory experiments, research and teaching programs. For reference are mentioned the  
University of Asuncion, Physics Department, Asuncion, Paraguay  
University of Cusco, Physics Depart., Cusco, Peru  
University of Antofagasta, Antofagasta Chile  
UNAM Mexco Catedra Angel Dacal  
Univeristy at El Paso, Texas USA  
University of Padova Italy

### **Host Institute**

KFK-Karlsruhe, Germany 3 month: Nuclear reactor technology  
Universidad Nacional La Asuncion Paraguay; 1month; Selection of nuclear equipment  
Universidad Nacional La Asuncion Paraguay; two week; Environmental Radon Measurement  
Universidad Nacional La Asuncion Paraguay; 1month; Radon determination  
Universidad Antofagast Chile; one week; Radon and Gamma radiation measurement  
Universidad de Cuzco Peru; One week; Training in environmental radiation  
Universidad de Cuzco Peru; one week: radon measurement in water and gamma level determination  
Universidad de Cuzco Peru; one week; Lectures on nuclear analytical techniques  
University Eotvos, Budapest Hungary; 3 month; environmental radiation measurements  
University Eotvos Budapest Hungary; 6 month; Environmental Physics teaching  
Neutron Centre Budapest, Hungary; one month. Neutron activation  
Atomic Energy Institute Hungary one month Nuclear track detector studies  
Universita di Padova Italy; two month; nuclear experiment  
INFN Sezione di Padova, Italy; 8 month, Prompt gamma analysis EXPLODET  
INFN Catania, Italy, one week, nuclear experiment with CR-39 detectors  
Birmingham University UK, Radiation Protection group, two weeks, BNCT project  
Birmingham University UK and Clatterbridge Hospital London,, one week, visiting the Centre  
EPA-NAREL Montgomery Alabama USA, Emergency response, one month  
EPA-NAREL Montgomery Alabama USA, two weeks Laboratory visit (radiochemistry)  
University of Besancon France, one week; laboratory visit for a cooperation  
Universita di Milano, Italy, Nuclear group, one month, nuclear reactions study 1994  
University of Cluj-Napoca Romania, one week, laboratory visit part of a collaboration.  
Eotvos University, Atomic Physics Department , Visiting Professor for six months 2000  
INFN Padova participation in the ALICE detector assembly Feb-Aug 2006 and July-Nov. 2007  
Invited Professor University of Texas at El Paso May, 13-31, 2006 (course on environmental radioactivity).  
Invited Professor University of Texas at El Paso May, 14-27, 2007 (Course on Health Nuclear Physics)  
Visiting Professor at the Atom Physics Department of the Eotvos University Budapest Hungary 2008  
Invited Professor Universidad de Amazonia, Florencia Colombia 2012  
Visiting Scientist at the University of Padova, Physics and Astrophysics Dep. Padova Italy 2013  
Visiting Professor to hold the Catedra Angel Dacal, UNAM Instituto de Fisica, Mexico 2014  
Visiting Professor at the University of Padova Physics and Astrophysics Dep. Padova Italy 2014-15  
Visiting Professor at the Pontificia Universidad Catolica del Peru PUCP Lima Peru, 2016

### **USB-Sede del Litoral**

- Instalacion de una laboratorio ambiental con tecnicas nucleares ( se destruyo por completo en el deslave del Estado Vargas)
- Se organizo un evento cientifico I Jornadas Venezolanas sobre Técnicas Analíticas no Convencionales para un Desarrollo Sustentable. 14/15 de Marzo de 1996. Camuri Grande, Venezuela, para reforzar los conocimiento en Tecnologia en relacion la sustentabilidad. Organizadores Leon Pilar, Daniel Palacios y Laszlo Sajo.

Presentacion del trabajo:

- Dosimetría por TLD y LR-115 en el sistema de Transporte Subterráneo de Caracas.

**Projects managements:**

1993-1996. CONICIT MPS-RPVII 260076 Environmental Radioactivity  
1989-1992 IAEA - Ven/2/006 X-ray Lab.  
1990-1992 IAEA - Ven/9/005 Gamma Spectrometry  
1995.1997 IAEA - Ven/7/002 In Vivo Lead measurements  
2002-2005 Prompt Gamma Neutron Activation  
TC/INT/039 International Laboratory of Marine Radioactivity.  
QAP XLVII (9709) Environmental Measurement Laboratory US DOE- NY 1997  
First International Intercomparison of Image Analyser Used for Evaluation of SSNTDs 1998, AEKI-Hungary  
1999 Project Conicit/Conipet No. 97-003-854 Applied Nuclear techniques in Mineral resource exploration Activation Analysis for Industrial production; IAEA - VEN/8/014  
2002-2004 IAEA RC-12283 Prompt Gamma Neutron Activation Analysis for Provenance Study of Pre-Columbian Pottery  
2001-2005 Cosmic neutron dosimetry on board of International Space Station responsible for the Venezuelan group participation in BRADOS.  
Automatization of a Nuclear Track detector analyser; Project S1-DDI USB 2004-2005 Proyecto: Código de financiamiento: DI-CB-015-05; Diseño y construcción de un sistema automatizado de análisis de trazas empleando IMAQTM Vision Builder 6 y LabVIEW 7 de National Instruments.  
2008 FONACIT- Venezuela project S1-2001000954 Environmental radiation measurements related to heavy oil production.  
2012 FONACIT- Venezuela project 2940749-2269, "Atenuación de merozoitos de Plasmodium berghei por la irradiación con rayos-X en cultivos in vitro y su efecto como vacuna".

**Laszlo Sajo Bohus Scientific Publication: 1975- 2015**

E. Gadioli, E. Gadioli Erba, L.Sajo Bohus, and G. Tagliaferri. "An exciton model approach to the analysis of alpha-particle-induced nuclear reactions". Riv. N. Cim 6 (1976) 1-38

W.C. Parker, J.J. Pérez Alarcón and L.Sajo Bohus. Implementation of radioactive ions by means of direct current sputtering technique". Radiochem. And Radianal. Lett.45 (1980) 1-12

Parker, W., Pérez Alarcón, J., Sajo Bohus, L., Labrecque, J., y Collins, K., (1980). Implications Of Radioactive Ions By Means Of A Direct Current Sputtering Techniques. JOURNAL OF RADIOANALYTICAL CHEMISTRY, Vol. 45, Num. 1, Pp. 1-12

W.C. Parker, J.J. Pérez Alarcón and L. Sajo Bohus  
"Single Stage Ion Accelerator For Ion Implantation Studies In The Region 0,5-60 KV". Radiochem. and Radioanal, Lett 45 (1980) 13-20.

L. Sajo Bohus, W.C. Parker, J.J. Pérez Alarcon and J.J. Labrecque. "A general purpose large volume gas flow proportional counter" Radiochem. and Radioanal. Lett. 45 (1980) 21-26.

J. Walter and L.Sajo Bohus "A versatil digital gamma radiation monitor"  
Inf. Nuclear Vol. 4 No 2 pp 1-6 (1987)

E. Greaves, H. Groening and L. Sajo Bohus Energy and linewidth in the induced emission of Mossbauer radiation Nuovo Cimento 3-Cond. Matt. A.T. 9 (10) 87, 1303-1312

- L. Sajo Bohus and E. D. Greaves  
Low-beam-current profile monitoring and track formation in SSNTD CR-39 Nucl. Tracks Radiat. Meas. Vol.16 No 1 -15-22(1989). (Int. J. Radiat Appl. Instum part D).
- L. Sajo Bohus and E.D. Greaves Design and application of an economic Surface barrier detector. Acta Cient. Ven. 42. 201-207 (1991) (Spanish)
- E.D. Greaves y L. Sajo Bohus Optical spectroscopy of reflected light by *stegolepis grandis*. Acta Terramaris 3 13-17 (1991). (Spanish)
- G. Bernasconi, E. D. Greaves and L. Sajo Bohus New approach in assesing the lower detection limit in low level radiation counting. Nucl. Inst. and Meth. in Phys. Res A307 (1991) 491-496
- E.D. Greaves, L. Sajo Bohus, L.Marcó and M. Alvarez  
A compton peak method for incident angle determination in XRF with annular excitacion. X- ray spectroscopy. (1991) Vol 21, (1992) 127-131.
- C.D. Cereceda, L.Sajo Bohus and E.D. Greaves **New method to measure the Schottky barrier potential** (Price Awarded Research) Nucl. Inst. Meth. in Phys. Res. B71 (1992) 484-488
- N.Ojeda, E.D. Greaves, J. Alvarado, L. Sajo Bohus Determination Of V, Fe, Ni And S in petroleum crude oil by Total Reflection X-Ray Fluorescence Spectrochimica Acta 48 B 247-252, 1993
- J. Broadway, K. Mc Croan, L. Sajo-Bohus, H. Ferrer. Geograph. a world wide geographycal display software system. Int'l Symp. Environmental contamination in central and eastern Europe-Budapest, H. 12-16 Oct. 1992. Proceedings, Budapest 92, pag 265-267.
- R. Jaffé, F. Benitez, L.Sajo Bohus Assessment of eutrophication chronology via sediment core analysis: case of lake Valencia, Venezuela. Fresenius Envir. Bull. 2 : 602-607 (1993)
- L. Marco, E.D., Greaves, J. L., Paz, L., Sajo Bohus. Simultaneous determination of rare earths by x-ray fluorescence using a fundamental parameter method. X-Ray Spectrometry 22,362-367 (1993)
- L. Sajo Bohus, M.C. Scott, E.D. Greaves Fast neutron spectrometry gas proportional detector with lead cathode. Revista de Física Aplicada e Instrumental. Vol. 8, No 2, 47-55, 1993. (Spanish)
- J. Palfalvi, L. Sajo-Bohus and S.A. Durrani. Automatic track analysing in nuclear particle detection Austrian-Italian-Hungarian. Radiation Protection Symposium Obergurl/Tyrol 28-30- Abril, 1993. Proceedings. Vol.2, 271-275
- L.Sajo Bohus, E.D.Greaves, H. Ferrer, P. Dehollain, O. Guerra y J.A. Broadway.  
Quantitatve Analisis of gamma emitter radionuclides in some products of the Venezuelan diet. Rev. Fac. Agronomía. 11:395-409, 1994 (spanish)
- S. Kochmann, Z. Vera de Molinas, G. de Souberlich, C. Buzarquis, J. Cabello, G.Coronel y L. Sajo Bohus Preliminary results of environmental radiation level in Paraguay. Revista Universidad Nacional Asunción 4, 32-38,1994. (Spanish)
- Sajo Bohus L.; Marx G. and Toth E. Dynamic radon progeny in-door. Rio Conference Follow-up-IUPAP Eger – Hungary Aug. 23-27, 1994; 155-160. Published in "Atoms in our hands"  
Ed. Marx G. University Eotvos Hungary
- Sajo Bohus L. and Palfalvi J. Radon presence in domestic gas. Fizika Szem. 1 11-13 (1995).(Hungarian)

Sajo Bohus L., Marx G. Horvath A, Kasztovskycy Zs. and Toth, E.  
on the environmental radon concentration mapping. Proceeding of the European Comm. Workshop on  
Environmental Pollution held in Budapest 28 Aug. 1994. Ed. Orton and D. Vorsatz Eotvos University. 115-126

Kondrashov V.S., Sajo Bohus L. and Greaves E.D. An Alternative approach to process gamma ray spectral  
data Spectrochimica Acta 49B,9, 941-945, 1994

L. Sajo Bohus , Greaves E.D. and Marx G. Radioactive pollutant Measurements in Venezuela.  
Proceeding of the European Comm. Workshop on Environmental Pollution held in  
Budapest 28 Aug. 1994. Ed. Orton and D. Vorsatz Eotvos University. 206-212

E.D. Greaves, J. Meitín, L. Sajo-Bohus, C. Castelli, J. Liendo and C. Borberg M. D3. Trace element  
determination in amniotic fluid by Total Reflection X-Ray Fluorescence.  
Advances in X-Ray Chemical Analysis, Japan , Vol. 26s 47-52, (1995)

L. Sajo Bohus, J. Palfalvi, J. Molina and E.D. Greaves  
Radon concentration in Venezuelan gas for domestic supply.  
Radiation Measurements 25, 1-4, 1995

L., Sajo Bohus, I. de Goncalvez, J. Facetti, R. Velázquez. Determinación del gradiente de radon en fuentes  
de agua en la región Centro Sur de Paraguay. Rev. Univ. Nac. Asunción Paraguay. 5-6. 63-66. 1996.

I. Goncalvez, L. Sajo Bohus, E.D. , Greaves., P. Martínez. Gamma radiation absorption technique for metal  
alloys density study Act. Cient. Ven. 47: 214-218, 1996. (Spanish)

H. Barros, L. Sajo-Bohus, E. Greaves y N. Gómez.  
Dosimetría por TLD y LR-115 en el sistema de Transporte Subterráneo de Caracas. I Jornadas Venezolanas  
sobre Técnicas Analíticas no Convencionales para un Desarrollo Sustentable. 14/15 de Marzo de 1996.  
Camuri Grande, Venezuela.

Thoth, E., Deak, F., Gyukoza, Cs., Kasztovsky, Zs, Kuczi, R., Marx Gy, Nagy B.,  
Oberstedt S., Sajo Bohus, L., Sukösd C, Toth C. Vajda N., Peculiar radon spot in Hungary .  
J. Radioanalytic. Nucl. Chem. Lett 213 (5) 317-330 1996

Sajo Bohus, L., Birattari, Rozlosnik N, Gadioli E., Palfalvi, J., Greaves E.D.  
Identification of heavy ions and nuclear reaction fragments by means of latent tracks in passive detectors CR-  
39. Acta Phys. Hung. Heavy Ion Physics. 1996

Sajo Bohus L., Greaves E.D., Palfalvi J., Merlo G. and Urbani F. First measurements of radon concentrations  
in Venezuelan caves Bol. Soc. Venezolana Espel. 29, 17-19, 1996

Sajo Bohus L. Greaves E.D. Palfalvi J et al.  
Environmental gamma dosimetry and radon concentration determination in  
Venezuela Proteccion Radiologica en America Latina y el Caribe Vol 1,38-42, 1996 (spanish)

Rozlosnik N. , Sajo Bohus L. and Marx G. A new method (AFM) to study latent and etched track formed in  
CR-39 passive dosimeters. Proteccion Radiologica en America Latina y el Caribe Vol 2, pag 998-1002, 1996

Sajo Bohus L. Marx G. Horvath A. et al. In situ potencial risk dependence of environmental radon  
concentration mapping Proteccion Radiologica en America Latina y el Caribe Vol 1, pag 49-53, 1996

Deak N., Horvath A., Sajo Bohus L. and Marx G. Radon Concentration Measurements in Therapeutic spring Water *Proteccion Radiologica en America Latina y el Caribe*, Vol 1, pag 43-48, 1996

Sajo Bohus L., Greaves E.D., Merlo G., Urbani F. and Palfalvi J. Radon Migration Study in Venezuela Cave with SSNT Detectors. *Radiation Measurements* 28: 725-729, 1997

Sajo Bohus, L. Effects of Nuclear Explosions in Venezuela. *Atlantida*. (Rev USB). 37:82-86, 1997 (spanish)

L. Sajo Bohus, J., Palfalvi, E.D. , Greaves. Response function determination for nuclear solid state detector type CR-39. *Act. Cient. Ven.* 48: 73-76, 1997

Sajo Bohus, L., Greaves, E.D. , Scott M.C. Environmental Radioactivity concentrations in Auyan Tepuy, Venezuela. *Acta Terramaris* 10: 43-50,1997 (spanish)

Toth, E., Deak, F., Gyukoeza, Cs., Kasztovsky, Zs, Kuczi, R., Marx Gy, Nagy B., Oberstedt S., Sajo Bohus, L., Sukösd C, Toth C.Vajda N., Radon variation in a Hungarian Village. *Environmental Geology* 31 (1-2) 123-127, 1997

Liendo J., Sajo Bohus L., Palfalvi J., Greaves E.D. and N. Gomez Radon Monitoring for Health Studies in the Caracas Subway Using SSN Detectors. *Radiation Measurements*, 28: 729-732-1997

Palfalvi J., Eordog I., Szasz K. and Sajo Bohus L. A New Generation Image Analyzer for Evaluation SSNT Detector. *Radiation Measurements* 28: 849-852, 1997

Palfalvi J. and Sajo Bohus L. Use of SSNTDs in Neutron Beam Dosimetry *Rad. Measur.* 28: 483-488, 1997

N. Rozlosznick, Sajo Bohus L. and Palfalvi J. Investigation of nuclear reaction products by AFM. *Radiation Measurements* Vol. 28, 277-280, 1997

Kondrashov V.S., Sajo Bohus L. and Greaves E.D Approximation of spectrum alpha peaks by robust estimation. *Nucl. Instr. and Metho. in Phys. Res. A* 399,1, 140-146 1997

Sajo Bohus L. Gomez J. et al. Gross alpha radioactivity of drinking water in Venezuela *J. Environ. Radioactivity* 35, 3 305-312, 1997

Sajo Bohus L., Nemeth P. And Horvath A. Radon concentration measurements in hot spring waters in Venezuela. *Fiz. Szemle* 47 p 172-174, 1997 (Hungarian)

Nemeth P., Castillo G., Gomez J., Sajo Bohus L. and Greaves E.D. Sintesis of EHID and Tc-99m labelling for medical diagnostic. *Rev. Espa. Med. Nuclear* 16, 5, 1997 (Spanish)

Nemeth P., Ferreira S., Gomez J. Sajo Bohus L. and Greaves E.D. THF 1-hydroxi 2,2,2, -trifluoroethylidene-1-1-difosfonate: Syntesis and Tc-99m labelling of a new diphosphonate. *Hungarian Radiology Magyar Radiologia* 71 sup 1.1 1977

Liendo J.A. et al. Sajo Bohus L. Heavy Ion Rutherford forward scattering for the elemental analysis of liquid amniotic sample. *APH -Heavy Ion Physics* 7. 335-431, 1998

Geaves E.D., Alfonso Sosa J., Sajo Bohus L., Alvarez M., Wobrauschek P ad Strelis C. Trace element determination of mercury by total reflection X-Ray Fluorescence. *Spectrochimica Acta* 52- 945-951, 1997



- Liendo J.A., et al. Sajo Bohus L.  
Preliminary results o the use of Rutherford Forward Scattering for the elemental analisis of liquid organic samples. Nuc. Instr. and Meth. in Res. Phys. B 140 409-414, 1998
- Rozlosnik, Sajo Bohus L., Birattari C., Gadioli E., Biro L.P. and Havancsak K.  
Direct observation of latente nuclear tracks in organic material by atomic force microscopy. Nanotechnology 8, 32-34, 1997
- Sajo Bohus L., Greaves E.D., Merlo G., Urbani F. and Palfalvi J. Radon Migration Study in Venezuela Cave with SSNT Detectors. Radiation Measurements 28: 725-729, 1997
- D. Castro, D. Palacios, F. Urbani, P. Leon y L.Sajo-Bohus. Radon en agua potable del Litoral Central . Saber. 9 (1997)89 -95
- N. Rozlosnik, Cs. Glavak, J. Palfalvi, L. Sajo Bohus and B. Birattari . Investigation of nuclear reaction products by Atomic Force Microscopy. Rad. Meas.28 (1997) 177-280
- L. Sajo-Bohus, E. D. Greaves, A. Benites, L. Ramirez, W.J. Contrera, R. Ortega y J. Palfalvi. Niveles de radón en la red de estaciones de meteorología de la Fuerza Aérea Venezolana. Atlantida. Anales de la Universidad Simón Bolívar 36, 10-6 (1997)
- Urbani F., Flores N.,Sajo-Bohus L., Carreño R.  
Soil Gas Radon Concentration measurements in geological faults near Caracas, Venezuela  
Bol. Soc. Venezolana de Geol. 23/2; 29-34,1998
- Horvath A., Sajo-Bohus L., Urbani F., Marx Gy  
Radon Concentration in Northern Venezuela Spring Water  
Bol. Soc. Venezolana de Geol. 23/2; 25-28,1998
- Sajo Bohus L., Palfalvi J. and Greaves E.D.  
Hot Particle Spectrum Determination by Track Image analysis  
Radiation Physics and Chemistry Vol. 51 No 4-6, pp. 467-468, 1998
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