

Curriculum vitae

Personal Data

Full Name: SZIKLAI, István János
Birth Date/Place: May 15. 1950. Kaposvár
Citizenship: Hungarian
Office phone: +36-1-392-2222 Ext. 1979
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Address: Department of Particle Physics
KFKI Research Institute for Nuclear and Particle Physics
Konkoly Thege Miklós út 29-33.
H-1121 Budapest

Education

Candidate of Science (C.Sc.) of the Hungarian Academy of Sciences, 1992 No.:14-896
PhD, Eötvös University, 1977
Master, Eötvös University, 1974

Professional Carrier

TOTEM Experiment at LHC 2008-
BNL RHIC PHENIX Experiment 2004-
CERN NA49 Experiment, 1994-2009
Senior Scientific Research Fellow, HAS KFKI Research Institute for Particle and Nuclear Physics, 1992-
Visiting Scientist, Tandem Accelerator Laboratory, McMaster University Hamilton, 1988. three months
Visiting Scientist, Tandem Accelerator Laboratory, McMaster University Hamilton, 1987. three months
Visiting Scientist, Tandem Accelerator Laboratory, McMaster University Hamilton, 1986. three months
Visiting Scientist, Tandem Accelerator Laboratory, McMaster University Hamilton, 1982 - 1984.
Visiting Professor, Van de Graaff Accelerator Laboratory, Université Laval Québec 1982. three months
Visiting Scientist, NRC Demokritos Tandem Accelerator Laboratory, Athens, 1979. one month
Scientific Research Fellow, HAS KFKI Research Institute for Particle and Nuclear Physics, 1977-1991.
Doctoral Fellow, HAS KFKI Research Institute for Particle and Nuclear Physics, 1973-1976.

Fields of interest

Low energy nuclear physics (1973 – 1990)

Nuclear spectroscopy -
Problems of nuclear structure, Isobar Analogue Resonances
Dissertation for sci degree C.Sc

Relativistic energy heavy ion physics (1990 -

Development and building of high time-resolution grid TOF spectrometer
Phase transition problems in heavy ion collisions, Quark-Gluon-Plasma
Bose /Einstein particle correlations,
Energy dependence of the deconfined phase transition

Total Cross Section, Elastic Scattering and Diffraction Dissociation at the LHC (2008 –

Development of the Detector Control System [DCS] of the TOTEM T1, T2 and Roman Pot detectors

Publication

Number of SCI publications: 132, number of citations >2500

Graduate Students

T. Wass, Ph.D., 1985 - 1988.