

# SPLG 2015

*Monday 8th - June 2015 - POSTER SESSION I - 15:30 to 17:00*

	Poster	Author	Country
#1.1	Structure of salts solution in polar dielectric liquids and electrically-induced separation of solvated ions	Igor V. Shamanin	Russia
#1.2	Waves in a gas Centrifuge	S.V.Bogovalov	Russia
#1.3	Separation of Neodymium isotope and preparation of neodymium-150 for fundamental physical studies using gas Centrifuges	A.I. Kostylev	Russia
#1.4	LOW TEMPERATURE SYNTHESIS AND CHARACTERIZATION OF METAL/OXIDE COMPOSITES FOR GASEOUS/LIQUID SEPARATION	S.A. Obregón	Argentina
#1.5	Prospects of the small-scale laser isotope separation thallium for medical needs	Mishik A. Kazaryan	Russia
#1.6	CYCLIC MOTION OF GRAFTED POLYMERS UNDER LIQUID FLOW: INVERSION OF VELOCITY AND POSSIBLE MECHANISM OF MOLECULAR SEPARATION	Pastorino Claudio	Argentina
#1.7	Characterization of laser-ablated Mo plasma by emission spectroscopy for isotope separation purposes	E.M.A.Sternberg N.A.S.Rodrigues	Brazil
#1.8	Educational Development of Lasers Multipurpose	Zeferino Damian-Noriega	Mexico / Argentina
#1.9	A novel fabrication technique that enables actinides hexafluoride gas micro-fluidics on silicon	J. Bonaparte	Argentina
#1.10	Molecular Clusters formation model for mlis	Maceira	Argentina
#1.11	NUMERICAL ANALYSIS OF STRONGLY ROTATING GASES USING THE DIRECT SIMULATION MONTE CARLO METHOD	Federico Bertalot	Argentina
#1.12	Measurement of carbon isotope abundance by Laser-based absorption technique	F.Y.Fan	China
#1.13	Preliminary studies of low energy cluster technique for selective IR photochemistry.	A. Belokurov	Argentina
#1.14	ISOTOPIC SEPARATION PHENOMENON OF LITHIUM ATOM UNDER THE EFFECT OF LIGHT INDUCED DRIFT	Liu tao	China

# SPLG 2015

*Tuesday 9th - June 2015 - POSTER SESSION II - 15:50 to 17:20*

	Poster	Author	Country
#2.1	KINETICS AND THERMODYNAMICS OF THE FORMATION OF $\text{La}_{0.25}\text{Ce}_{0.52}\text{Nd}_{0.17}\text{Pr}_{0.06}\text{O}_2/\text{Ni}/\text{NiO}$ FOR GASEOUS/LIQUID SEPARATION	S.A. Obregón	Argentina
#2.2	Waves in a gas Centrifuge	S.V.Bogovalov	Russia
#2.3	Photochemical isotope separation of lead for new nuclear engineering needs	Mishik A. Kazaryan	Russia
#2.4	Demonstration pilot unit for water treatment to remove tritium for elimination of accident consequences on the fukushima NPP	M.Yu. Alyapyshev	Russia
#2.5	Laboratory experiment on laser separation of a molecule $\text{C}_6\text{H}_{14}\text{O}$ (diisopropyl ether) to define the requirements for semi-industrial production of the oxygen 180 isotope.	Alex Belokurov	Argentina
#2.6	Sulfur-hexafluoride in a nano-centrifuge	Matías Losa	Argentina
#2.7	Spectral characterization of a matrix of alumina by LIBS for the determination of Uranium enrichment	C.A. Rinaldi	Argentina
#2.8	Numerical analysis of the nonlinear flow field in a gas centrifuge and its separation performance	Lu XU	China
#2.9	LASER ABLATED MOLYBDENUM PLASMA EVALUATION BY USING A LANGMUIR PROBE	Benedito Christ,	Brazil
#2.10	KINETIC ANALYSIS OF A COPPER ATOMIC JET GENERATED BY LASER ABLATION	Jonas Jakutis Neto,	Japan
#2.11	About use of separative work unit in the LIS technology	E. Kirchuk	Argentina
#2.12	New development in the theory of a Q-cascade	V.D.Borisevich	Russia
#2.13	Reflective diffraction grating for power laser beam distribution at AVLIS & MLIS experiments	J. Lell	Argentina
#2.14	Preparation of enriched nickel-63 for nuclear beta-voltaic bateries	V.A. Mazgunova	Russia

