

List of poster presentations

N°	Name		Title	Affiliation
1	Arndt	Alexander	Measurement of absolute cross sections for the fragmentation of biomolecules after ionization	PTB, Braunschweig, Germany
2	Baek	WoonYong	Total and elastic electron scattering cross sections of pyrimidine	PTB, Braunschweig, Germany
3	Bolognesi	Paola	Soft X-ray interaction with organic molecules of biological interest: The pyrimidine and halogenatedpyrimidine classes	CNR-IMIP, Roma, Italy
4	Boulanouar	Omar	Neutral products desorption from DNA thin films induced by low-energy electrons (0.5 - 10 eV)	Université Paris-Sud, Orsay, France
5	Boulanouar	Omar	Gold nanoparticles (GNP) and DNA Radiosensitization in solution: Impact of the DNA close-environment and the GNP-DNA interaction	Université Paris-Sud, Orsay, France
6	Bug	Marion	Secondary Electron emission from water after proton impact: investigating the accuracy of track structure simulations	PTB, Braunschweig, Germany
7	Champion	Christophe	Double ionization of oriented water molecules	Université Paul Verlaine-Metz, France
8	Champion	Christophe	Ion-induced ionization and capture in water: A multi-differential cross section study	Université Paul Verlaine-Metz, France
9	Champion	Christophe	Ion-induced ionization and capture cross sections for DNA nucleobases impacted by light ions	Université Paul Verlaine-Metz, France
10	Collauti	Paolo	Ionization-cluster distributions of light ions in nanometric volumes of propane	LNL-INFN, Legnaro, Italy
11	de Vera	Pablo	Simulated Bragg curves for high-energy proton beams in materials of interest in hadron therapy	Universitat d'Alacante, Spain
12	Dos Santos	Morgane	Analysis of double and simple strand breaks induced by protons within a detailed DNA geometrical target model using a Monte Carlo toolkit	IRSN, Fontenay aux Roses, France
13	Eden	Samuel	Contrasting UV multi-photon ionization pathways of adenine monomers and hydrated clusters	Open University, Milton Keynes, United Kingdom
14	Feketeova	Linda	On the quest to understand the repair mechanism of DNA damaged by UV radiation	University of Melbourne, Australia
15	Francis	Ziad	Nano-level linear energies using the Geant4 Monte-Carlo toolkit	Université Saint Joseph, Beirut, Lebanon
16	Francis	Ziad	Energy deposits clustering for heavy ions of the same LET using the DBSCAN algorithm	Université Saint Joseph, Beirut, Lebanon
17	Gonzalez-Magana	Omar	Ionization and fragmentation of free oligonucleotides by keV ions and soft X-ray photons	KVI, Groningen, The Netherlands

18	Gonzalez-Magana	Omar	Size effects in fragmentation of protonated peptides by energetic photons and keV ions	KVI, Groningen, The Netherlands
19	Ingolfsson	Oddur	Cisplatin as sensitizer for UVB irradiation - A study on the synergy effects of cis- and transplatin and UVB radiation	University of Iceland, Reykjavík, Iceland
20	Kumar	SVK	Fragmentation of pQE30 plasmid DNA by low energy electrons	Tata Institute, Mumbai, India
21	Lacombe	Sandrine	Nanoparticles and proton therapy to improve cancer treatments	Université Paris Sud, Orsay, France
22	Laster	Brenda	Hydrogen Peroxide: A major influence on the biological effects of radiation exposure	J J Cohen Radiobiology Laboratory, Beer Sheva, Israel
23	Lima-Vieira	Paulo	Degradation of glycine by electron transfer	FCT-Universidade Nova de Lisboa, 2829-516 Caparica, Portugal
24	Maclot	Sylvain	Interaction of multiply charged ions with nucleosides: case study of thymidine	CIMAP, Caen, France
25	Manil	Bruno	Experimental alternative to investigate the radiation induced radical chemistry at the molecular level	Université Paris 13, Villetaneuse, France
26	Méndez	Louis	Ionization electron capture and electron production in ion water collisions	Universidad Autonoma de Madrid, Spain
27	Metreveli	Nunu	UV radiation damages of collagen	Iliia State University, Tbilisi, Georgia
28	Milosavljevic	Alexandar	Absolute cross sections for electron interaction with molecules representing sub-units of biopolymers	University of Belgrade, Serbia
29	Milosavljevic	Alexandar	Ionization energies of protein ions	University of Belgrade, Serbia
30	Moreels	Marjan	Molecular and cellular changes in human endothelial cells in response to nickel ion irradiation	Radiobiology Unit, Mol, Belgium
31	Moretto Capelle	Patrick	Cationic emission of cis- and CARBO-platin following ionization by swift protons	Université Paul Sabatier, Toulouse, France
32	Papp	Peter	Resonance energies of simple biomolecules	Comenius University, Bratislava, Slovakia
33	Rabus	Hans	Activities at PTB in Metrology Development and Research for Ion Beam Therapy	PTB Braunschweig, Germany
34	Rothard	Hermann	Primary ionization and electron propagation in swift ion irradiation of condensed matter	CIMAP, Caen, France
35	Scifoni	Emanuele	The oxygen effect in ion beam cancer therapy: From modelling to implementation in treatment planning	GSI, Darmstadt, Germany

36	Smyth	Maeve	Excess electron localisation in solvated DNA components	Queen's University Belfast, United Kingdom
37	Suetens	Annelies	Biological effects induced by low-LET radiation in human prostate and colon carcinoma cell lines: experimental basis for future experiments with carbon ions.	Radiobiology Unit, Mol, Belgium
38	Testa	Etienne	Nanodosimetry as a tool to optimize ion beam therapy	Université Lyon I, Villeurbanne, France
39	Testard	Isabelle	A User Facility at GANIL for Radiobiology Research	CIMAP, Caen, France
40	Tribedi	Lokesch	Fast C-ion collisions with Uracil across Bragg peak : Electron emission in Ionization and fragmentation	Tata Institute, Mumbai, India
41	Veltcheva	Mina	Proton acceleration at kHz rate with a few cycle laser system	ENSTA-PARISTECH, Palaiseau, France
42	Vibok	Agnes	Conical intersections induced by light: applications for Na ₂ and H ₂ ⁺ systems	University of Debrecen, Hungary
43	Villagrasa	Carmen	Analysis of DNA damage created by ⁶⁰ Co irradiation using Monte Carlo track simulations and γH2AX immunofluorescence.	IRSN, Fontenay-aux-Roses, France
44	Waelzlein	Cathrin	Delta-electron emission in the presence of microscopic inhomogeneities	GSI, Darmstadt, Germany
45	Zychor	Izabella	Monte Carlo simulations for nanodosimetry	Andrzej Soltan Institute, Swierk, Poland