



Deliverable D29 D2.8

1st Report on ELEvATE generated publications

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Project acronym: **ELEvATE**
Project title: **Achievement of Excellence in Electron Processes for Future Technologies**
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1st Report on ELEVATE generated publications

In 2016 the ELEVATE project considerably helped the EPPL at the CU to improve its profile of an excellent scientific institution by supporting attendances of the EPPL members at the two most important conferences – ESCAMPIG and ECAMP in the field of EPPL research. It was not just an opportunity to present the work and results of the EPPL to other scientists working in the similar field of research but also a possibility to make new contacts that will lead to future cooperation with the top European scientific institutions.

ELEVATE supported these publications in 2016:

Marián Danko, et al.

Dependence of D2 continuum radiation on electron beam energy in electron induced fluorescence experiment

ECAMP 12 : 12th European Conference on Atoms, Molecules and Photons [Frankfurt am Main] : [Goethe University], 2016. P. 199

ECAMP 2016 : European Conference on Atoms, Molecules and Photons [12th] - Frankfurt am Main, 5.-9.9.2016. DE

Michal Lacko, et al.

Dicyclohexyl phthalate fragmentation by electron impact

ISBN ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Anita Ribar, et al.

Electron attachment to doped Neon clusters

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 60-61

ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Juraj Országh, et al.



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Electron impact excitation of nitrous oxide

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 56-57

ISBN ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Michal Lacko, et al.

Electron induced dissociation of 2,4,6-trichloroanisole

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 54-55

ISBN ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Marián Danko, et al.

Electron induced emission of Balmer lines and Fulcher Alpha bands of H₂

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 390-391

ISBN ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Michal Lacko et al.

Electron interaction with Dicyclohexyl phthalate

ECAMP 12 : 12th European Conference on Atoms, Molecules and Photons [Frankfurt am Main] : [Goethe University], 2016. P. 240

ECAMP 2016 : European Conference on Atoms, Molecules and Photons [12th] - Frankfurt am Main, 5.-9.9.2016. DE

Dušan Mészáros, et al.

Electron interactions with Iron pentacarbonyl molecules and clusters

ECAMP 12 : 12th European Conference on Atoms, Molecules and Photons [Frankfurt am Main] : [Goethe University], 2016. P. 496

ECAMP 2016 : European Conference on Atoms, Molecules and Photons [12th] - Frankfurt am Main, 5.-9.9.2016. DE

Matúš Sámel et al.



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Non-radioactive source of electrons at atmospheric pressure

ECAMP 12 : 12th European Conference on Atoms, Molecules and Photons [Frankfurt am Main] : [Goethe University], 2016. P. 372

ECAMP 2016 : European Conference on Atoms, Molecules and Photons [12th] - Frankfurt am Main, 5.-9.9.2016. DE

Dušan Mészáros, et al.

Electron ionisation and electron attachment dissociation of iron pentacarbonyl clusters

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 58-59

ISBN ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Marián Danko, et al.

Evolution of the continuum radiation spectra of H₂ and D₂ with electron energy

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 50-51

ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Marián Danko et al.

Excitation of nitrous oxide by electron impact

ECAMP 12 : 12th European Conference on Atoms, Molecules and Photons [Frankfurt am Main] : [Goethe University], 2016. P. 63

ECAMP 2016 : European Conference on Atoms, Molecules and Photons [12th] - Frankfurt am Main, 5.-9.9.2016. DE

Matej Klas, et al.

Characterization of microdischarges from DC up to radio frequency in compressed ambient air

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 162-163

ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Ladislav Moravský, et al.



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Interaction of negative corona discharge in air with water

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 137-138

ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Michal Lacko, et al.

Interactions of low energy electrons with 2,4,6-trichloroanisole

ECAMP 12 : 12th European Conference on Atoms, Molecules and Photons [Frankfurt am Main] : [Goethe University], 2016. P. 373

ECAMP 2016 : European Conference on Atoms, Molecules and Photons [12th] - Frankfurt am Main, 5.-9.9.2016. DE

Matúš Sámel et al.

Non-radioactive source of electrons at atmospheric pressure

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 141-142

ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK

Zuzana Lichvanová, et al.

Study of 2,4,6-trichloroanisole by ultraviolet photoelectron spectroscopy

ESCAMPIG XXIII : Europhysics Conference : 1. issue, [Mulhouse] : European Physical Society, 2016. P. 62-63

ISBN 979-10-96389-02-5

ESCAMPIG 2016 : Europhysics Conference on Atomic and Molecular Physics of Ionised Gases [23rd] - Bratislava, 12.-16.7.2016. SK



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