

Session Program

21-26 May 2023



LISA Conference

Atomic structure

Maria Theresia College, Auditorium 00.14 for lectures & HOGC - 00.50 Chapel for poster sessions
Sint-Michielsstraat 6, 3000 Leuven, Belgium

Friday 26 May

09:00

Atomic structure

Session |

Location: Maria Theresia College, Auditorium 00.14 for lectures & HOGC - 00.50 Chapel for poster sessions, Sint-Michielsstraat 6, 3000 Leuven, Belgium

09:00–09:30 Access to the nuclear properties with heavy muonic atoms

Speaker

Natalia Oreshkina

Location

Maria Theresia College, Auditorium 00.14 for lectures & HOGC - 00.50 Chapel for poster sessions, Sint-Michielsstraat 6, 3000 Leuven, Belgium

09:30–09:50

Ab initio Multi-Configurational Dirac-Hartree-Fock (MCDHF) calculations of the energy spectrum of neutral Lawrencium

Speaker

Joseph Andrews

Location

Maria Theresia College, Auditorium 00.14 for lectures & HOGC - 00.50 Chapel for poster sessions, Sint-Michielsstraat 6, 3000 Leuven, Belgium

09:50–10:10

Hyperfine structure and isotope shift in the atomic spectrum of neptunium

Speaker

Magdalena Anna Kaja

Location

Maria Theresia College, Auditorium 00.14 for lectures & HOGC - 00.50 Chapel for poster sessions, Sint-Michielsstraat 6, 3000 Leuven, Belgium

10:10–10:30

Comparison of theory and experiment for relative transition probabilities in thulium

Speaker

Andrey Bondarev

Location

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10:30–11:00 Coffee break

11:00–11:20

Hyperfine structure calculations of excited states of lawrencium using the relativistic Fock-space coupled cluster method

Speaker

Martijn Reitsma

Location

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11:20-11:40

Studying radioactive negative ion production cross sections

Speaker

Miranda Nichols

Location

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11:40