

9th Meeting of the Code Comparison Network

Report of Contributions

Contribution ID: 1

Type: **not specified**

Charge exchange cross sections for Ar^{3+} - H and Ar^{2+} - H^+ collisions with an atomic orbitals close coupling approach

Tuesday 9 September 2025 09:30 (40 minutes)

Author: SISOURAT, Nicolas (Sorbonne Université - CNRS)

Presenter: SISOURAT, Nicolas (Sorbonne Université - CNRS)

Contribution ID: 2

Type: **not specified**

Charge Exchange Cross Sections in Collisions Between H^+ and Ar^{2+} , and Ar^{3+} and H. A Classical Treatment

Tuesday 9 September 2025 11:10 (40 minutes)

Author: TÓKÉSI, Karoly (HUN-REN Institute for Nuclear Research)

Presenter: TÓKÉSI, Karoly (HUN-REN Institute for Nuclear Research)

Contribution ID: 3

Type: **not specified**

State-selective charge-transfer and ionisation in collisions of various Ar ions with hydrogen

Tuesday 9 September 2025 10:10 (40 minutes)

Author: KADYROV, Alisher (Curtin University)

Presenter: KADYROV, Alisher (Curtin University)

Contribution ID: 4

Type: **not specified**

Classical description of state-selective charge exchange processes in $\text{Ar}^{3+} + \text{H}(1s)$ and $\text{H}^+ + \text{Ar}^{2+}$ collisions

Tuesday 9 September 2025 11:50 (40 minutes)

Author: OTRANTO, Sebastian (CONICET-Universidad Nacional del Sur (UNS))

Co-authors: CARIATORE, N. D. (CONICET-Universidad Nacional del Sur (UNS)); BACHI, N. (CONICET-Universidad Nacional del Sur (UNS)); ACEBAL, E. (CONICET-Universidad Nacional del Sur (UNS))

Presenter: OTRANTO, Sebastian (CONICET-Universidad Nacional del Sur (UNS))

Contribution ID: 5

Type: **not specified**

Closing

Thursday 11 September 2025 12:50 (10 minutes)