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NewStock, a Time-dependent Close-coupling Program for Atomic Ionization

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We present NewStock, a time-dependent program to compute the photoionization of polyelectronic atoms by arbitrary light pulses. The program expands the capabilities of the Stock B-spline close-coupling structure code to the time-dependent domain.

Authors: Dr ARGENTI, Luca (University of Central Florida); Dr LINDROTH, Eva (Stockholm University)

Presenter: Dr ARGENTI, Luca (University of Central Florida)

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