

## **A Monte Carlo Code for Positive Ion Track Simulation**

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An ion interaction model has been described for simulating positive ion tracks in a variety of media with the capability of interfacing with several secondary electron transport codes. Data are presented for single- and double-differential cross-sections, binding energies, probability density distribution for delocalisation parameter for conductors and tissue, branching ratios and ionization efficiencies for water vapor and liquid water.

Presented as a poster presentation at the 9<sup>th</sup> L.H. Gray Workshop, September 10-12, 1998, Oxford.

Published in Radiation in Environmental Bio Physics Vol 38: 97-104; (1999)

USTUR-0128-98