



<b>[FD1] Fundamental Processes in Plasma I</b>	
<b>Date / Time</b>	July 27 (Fri.), 2018 / 09:00-10:40
<b>Place</b>	Room D (#115)
<b>Session Chair(s)</b>	Mi-Young Song (NFRI, Korea)

**FD1-1 [Invited]**

**09:00-09:30**

Electron-Molecule Collision Calculations for Plasma Physics Applications

Jonathan Tennyson

*Univ. College London, UK*

**FD1-2 [Invited]**

**09:30-10:00**

Electron Collision Cross Sections and Electron Swarm Parameters in Gases

Yoshiharu Nakamura

*Keio Univ., Japan*

**FD1-3**

**10:00-10:20**

The Role of Density Functional Theory in Plasma Diagnostics and Simulations

Heechol Choi, Dhanoj Gupta, and Mi-Young Song

*NFRI, Korea*

**FD1-4**

**10:20-10:40**

Interaction Mechanism of Low Energy Electron and Biomolecules

Yeunsoo Park, Dae Chul Kim, Younghyun Kim, Mi-Young Song, Jung-Sik Yoon, and Hyuck Cho

*NFRI, Korea*