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Electron Heating in Sputtering Magnetrons

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To get a complete set of slides, please contact Andre at one of the following addresses:

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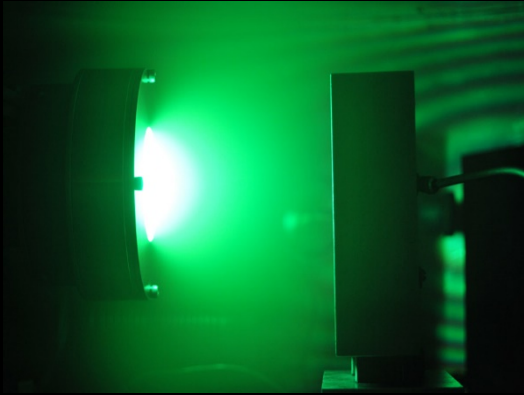
or

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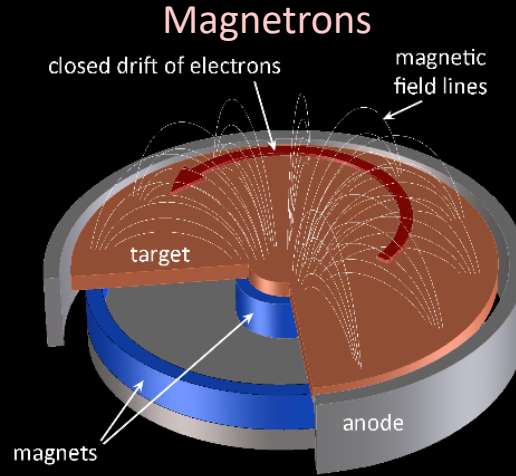
Contributions by members of the Plasma Applications Group, LBNL, are gratefully acknowledged, incl. Matjaz Panjan, Robert Franz, Yuchen Yang, and others



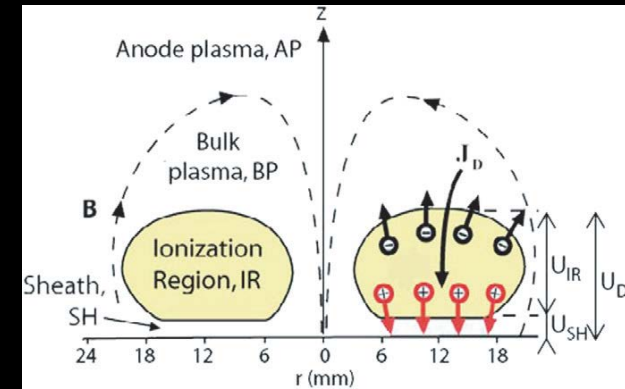
HiPIMS: a plasma source



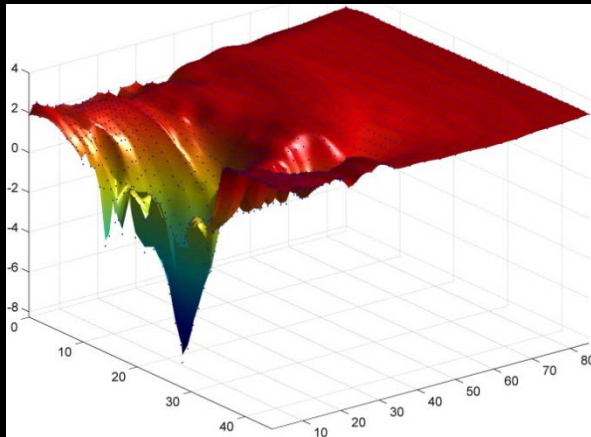
Summary



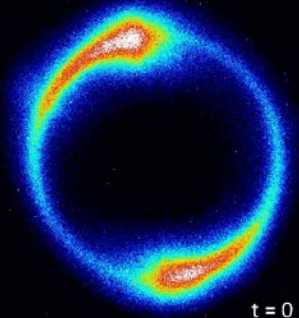
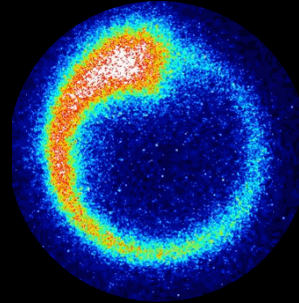
“global model”



potential drop in magnetic presheath



Plasma Instabilities in Magnetrons



t = 0 μs

Localized Electron Heating in Magnetic Presheath

z = 2.5 mm

