

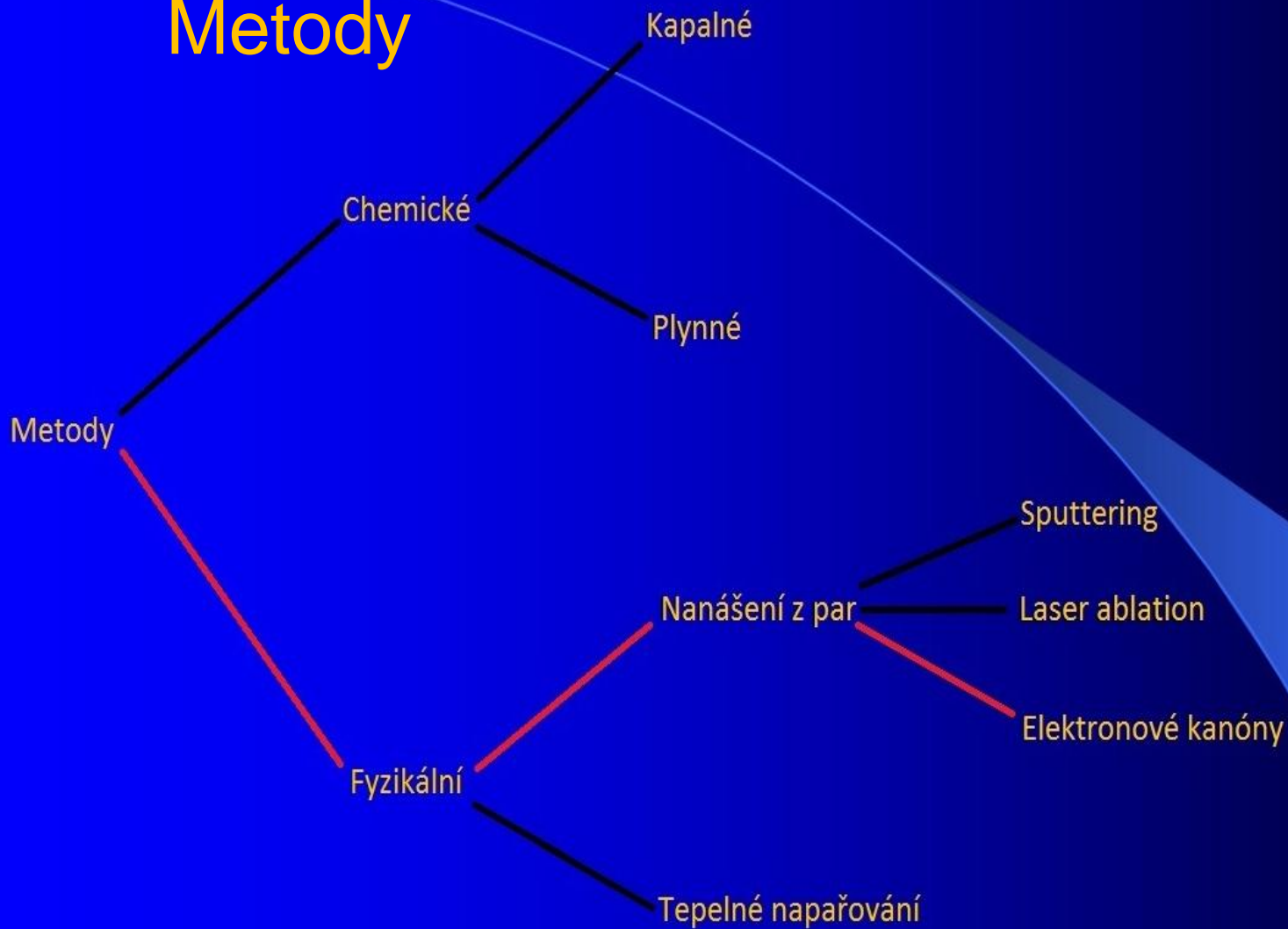
Tenké vrstvy

Ota Zaplatílek, Jakub Skočdopole

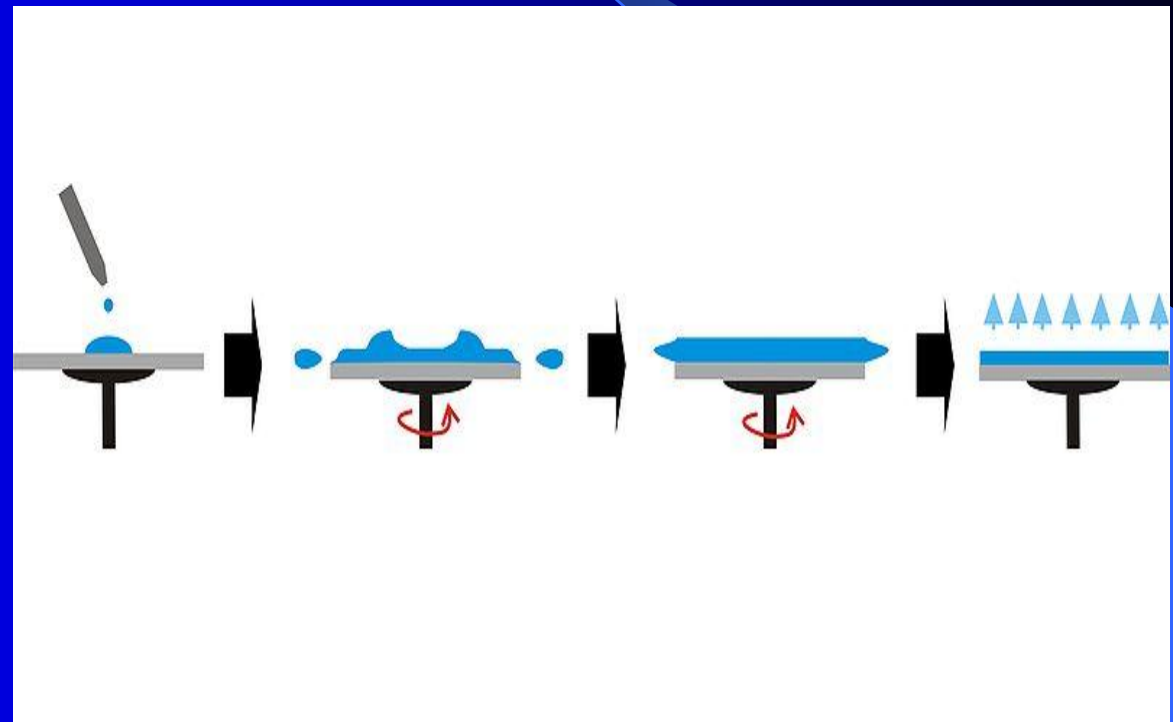
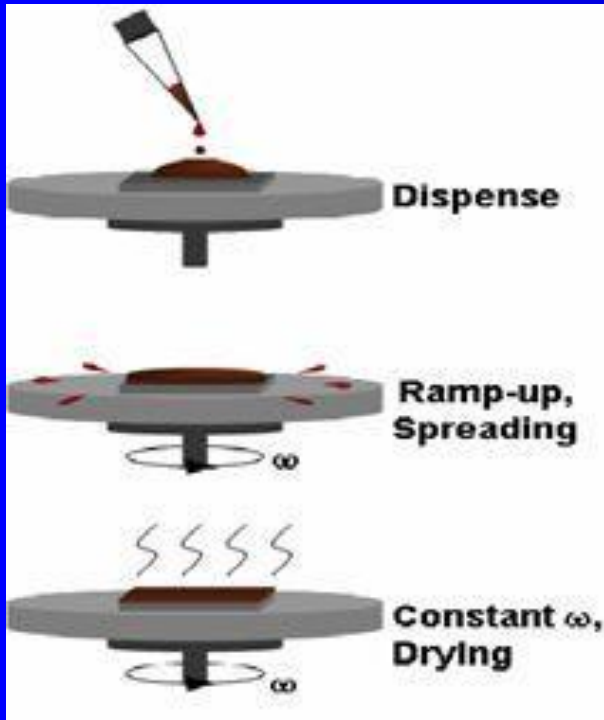
Osnova

- *Metody nanášení*
- *Ukázky vzorků*
- *Pokus o vytvoření vlastní vrstvy*

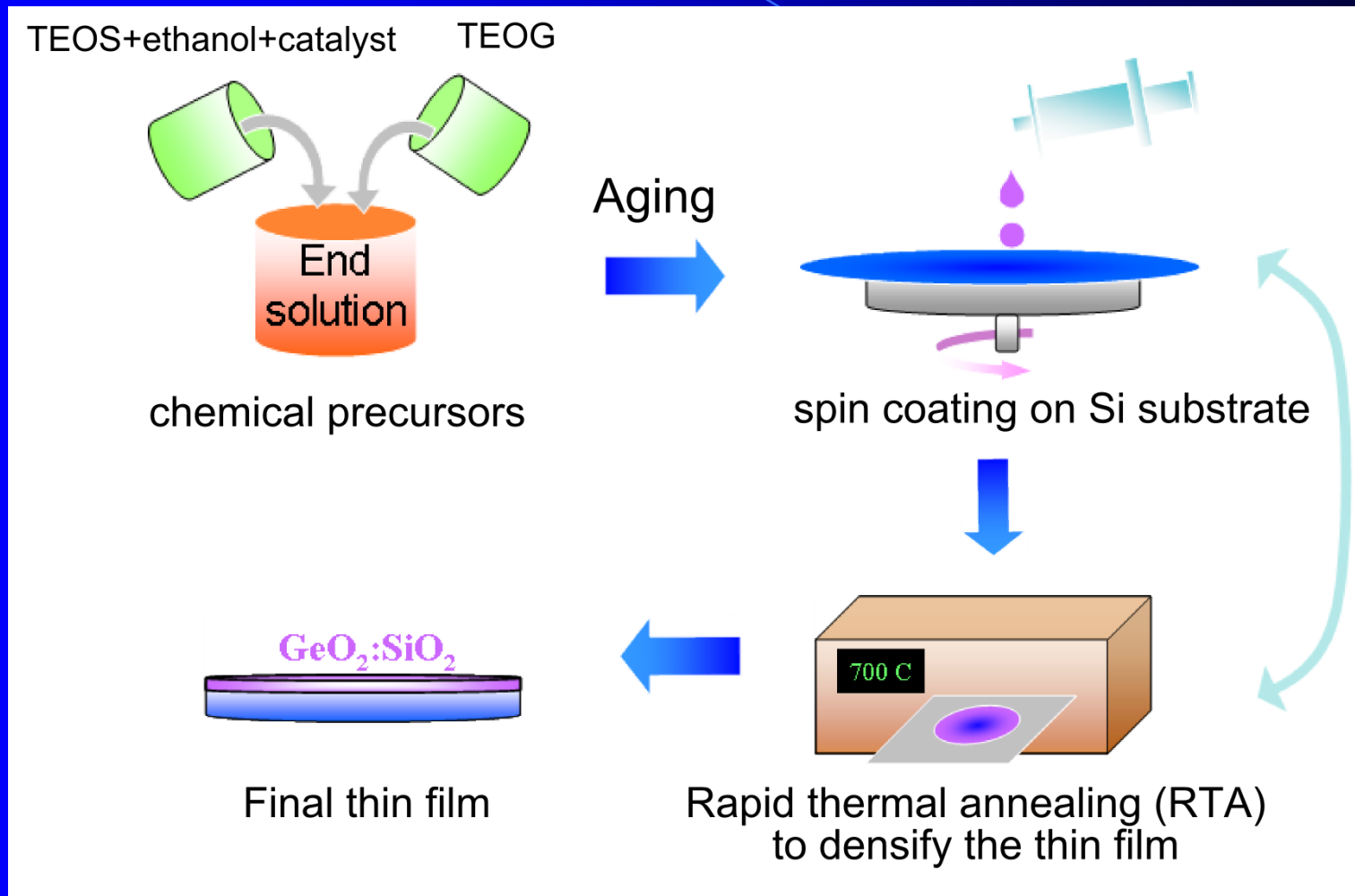
Metody



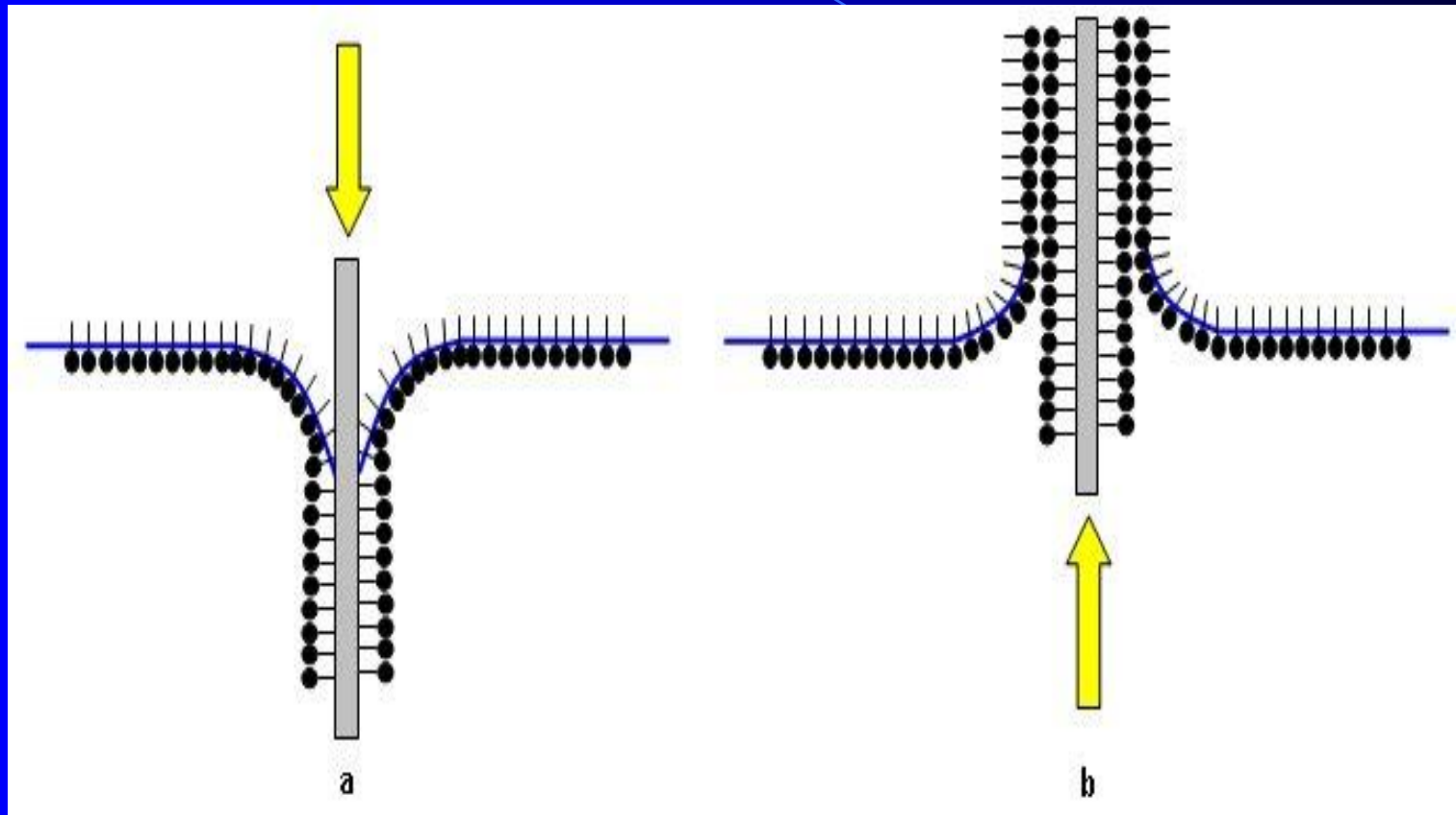
Spin Coating Deposition



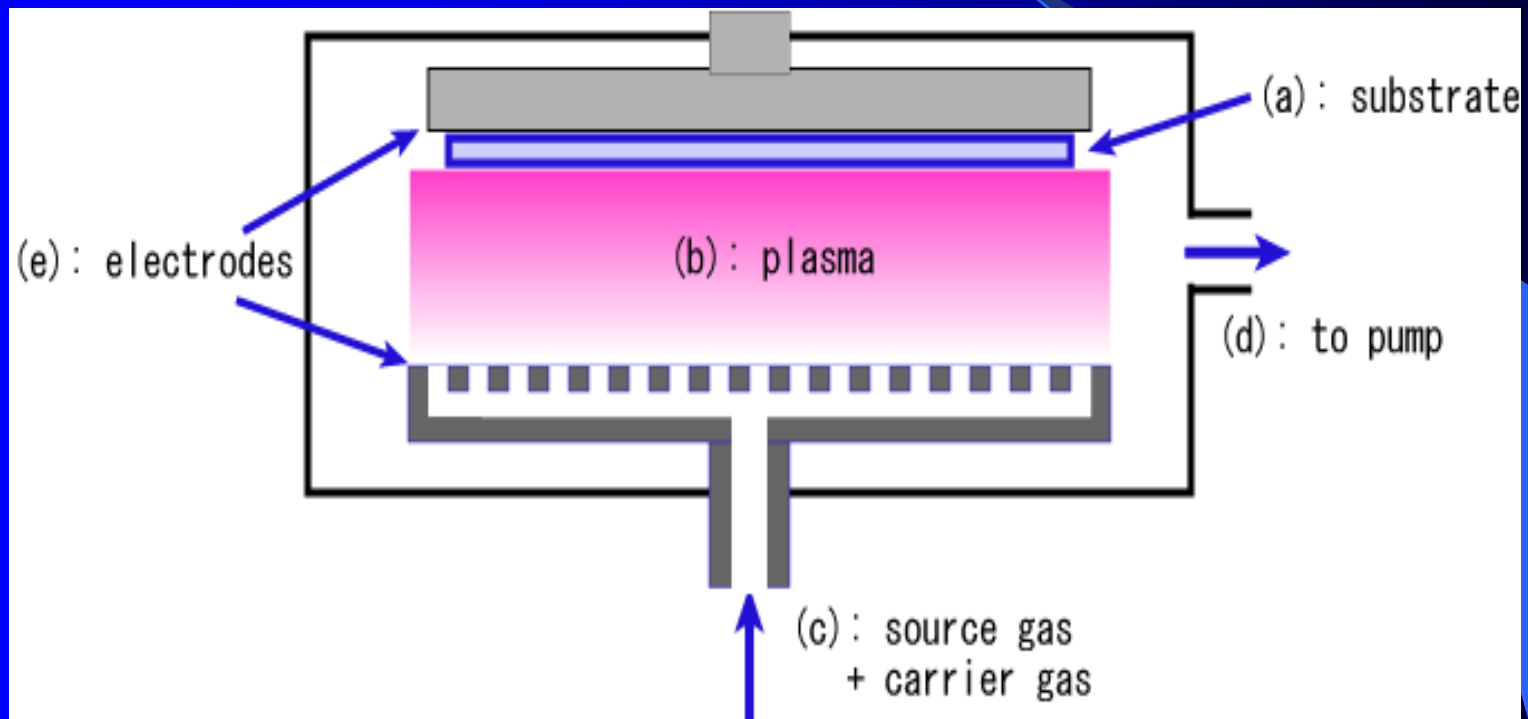
Sol-Gel Wet Chemical Deposition



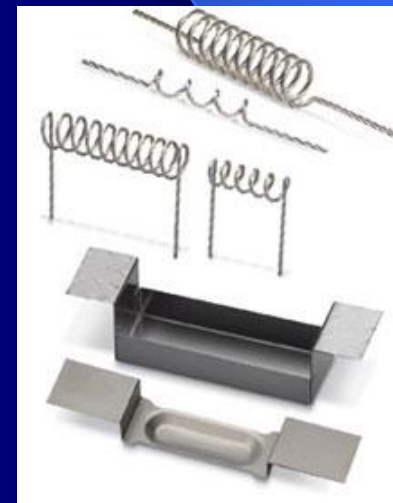
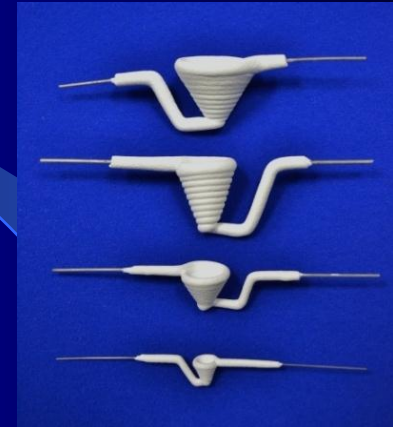
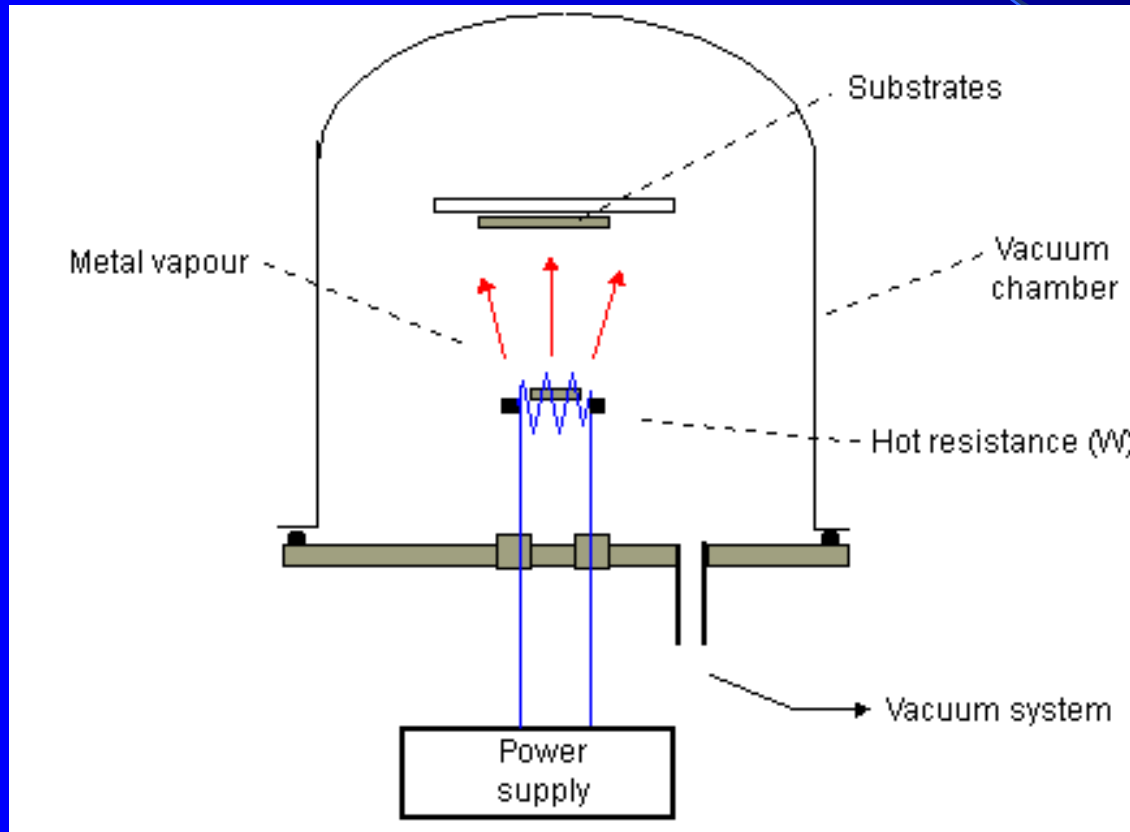
Langmuir-Blodgett Molecular Film Deposition



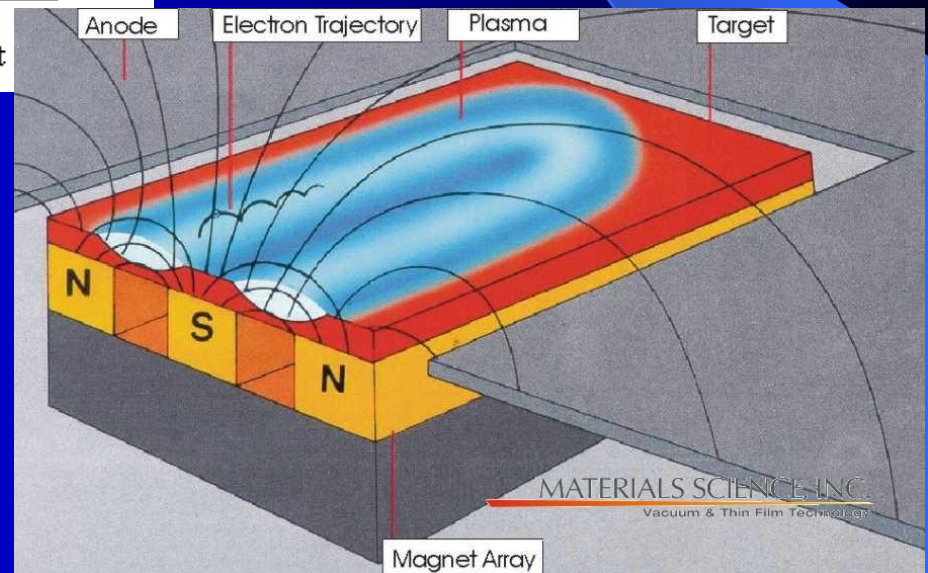
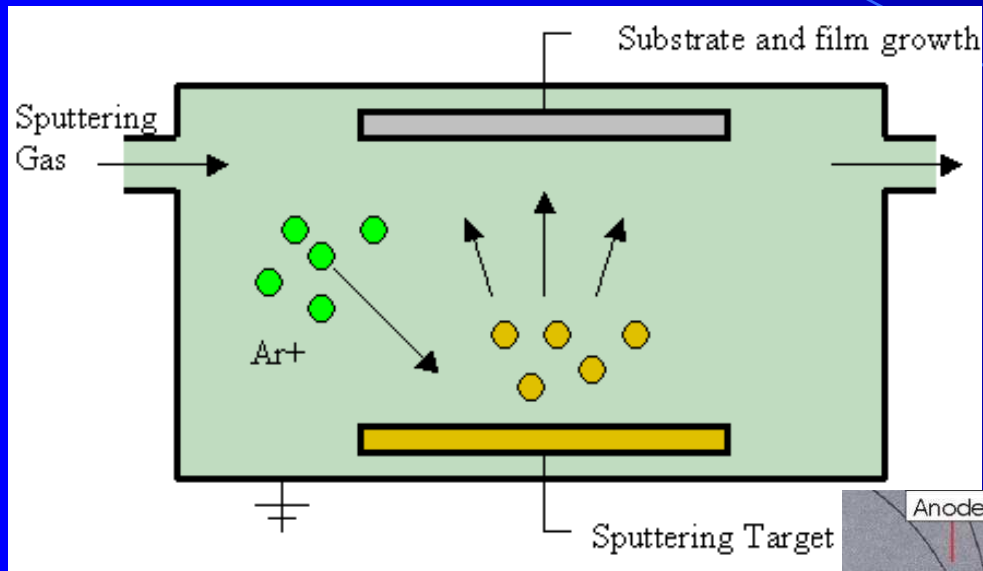
Plasma Enhanced Chemical Vapor Deposition



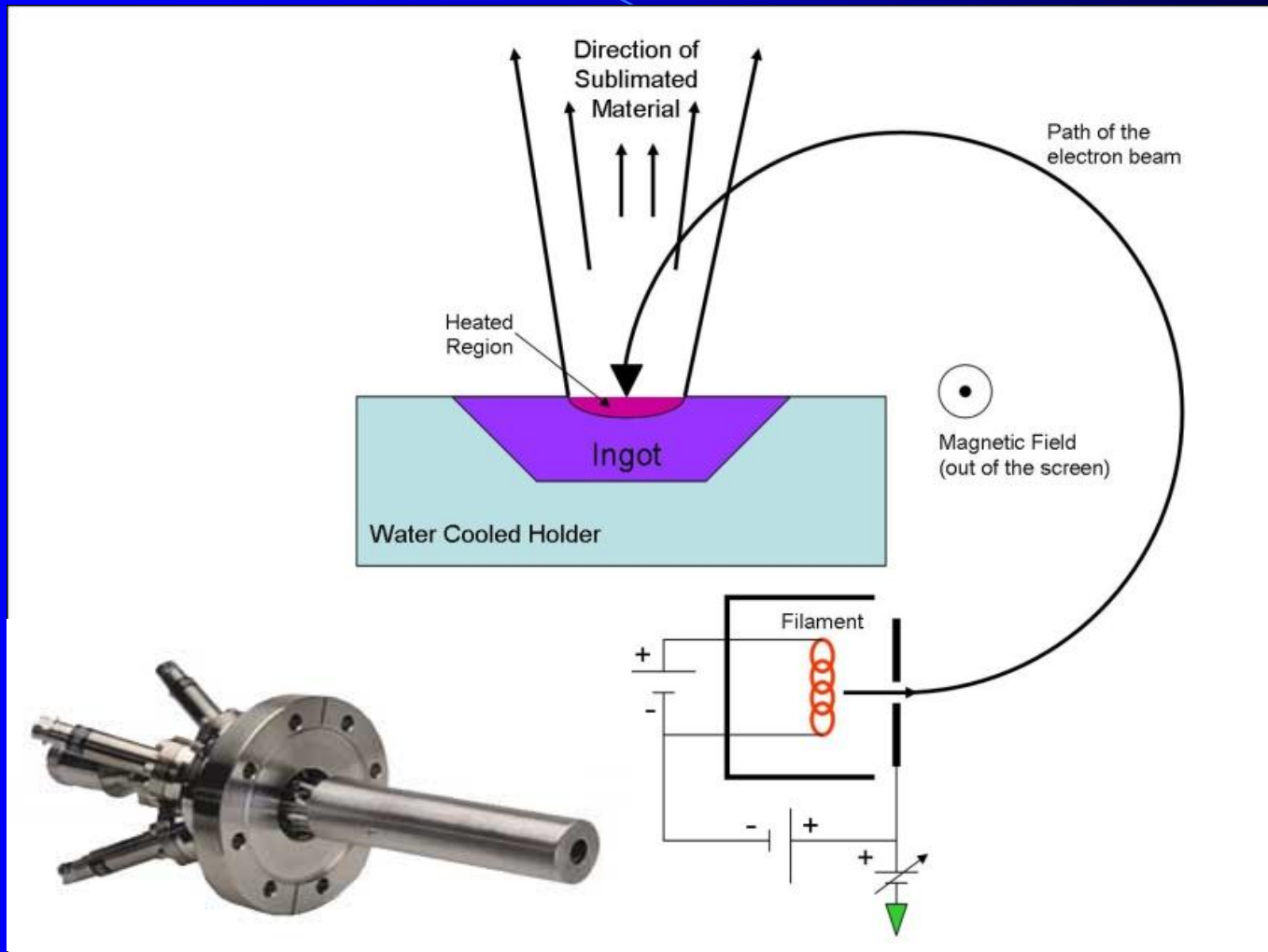
Thermal Evaporation Deposition



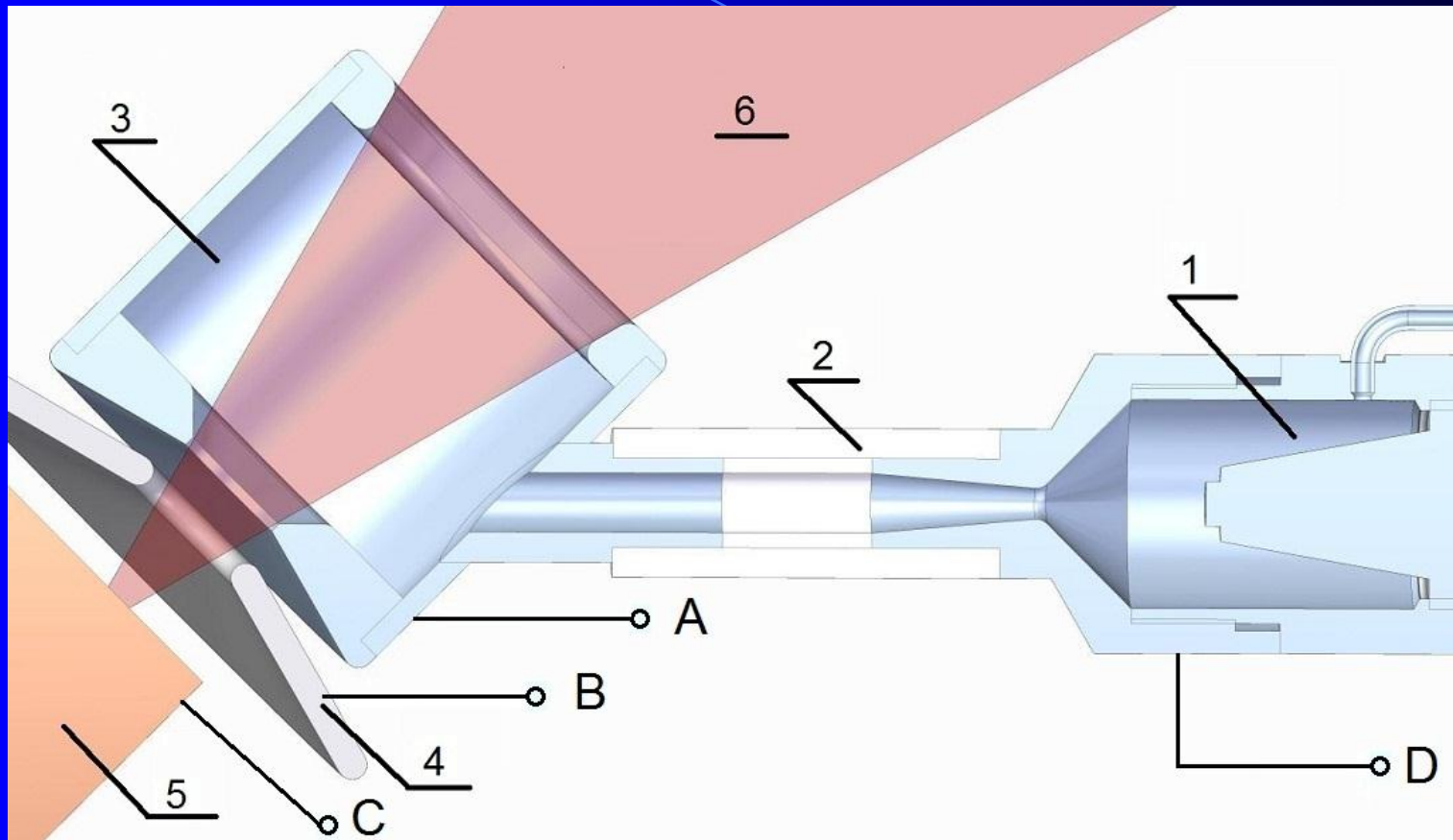
DC Sputtering and Magnetron sputtering



Electron Gun Evaporation Deposition

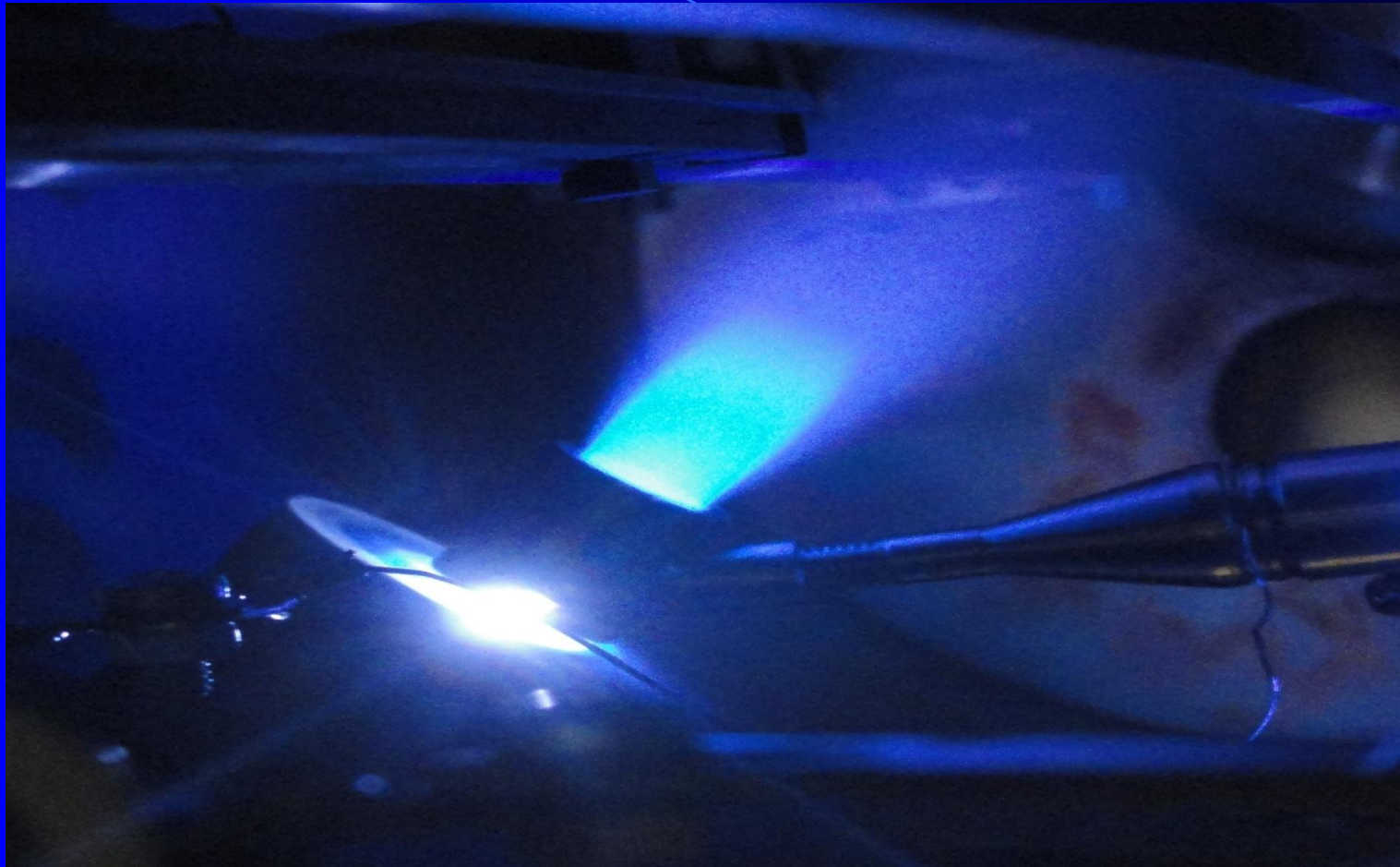


Ionized Jet Deposition Technique



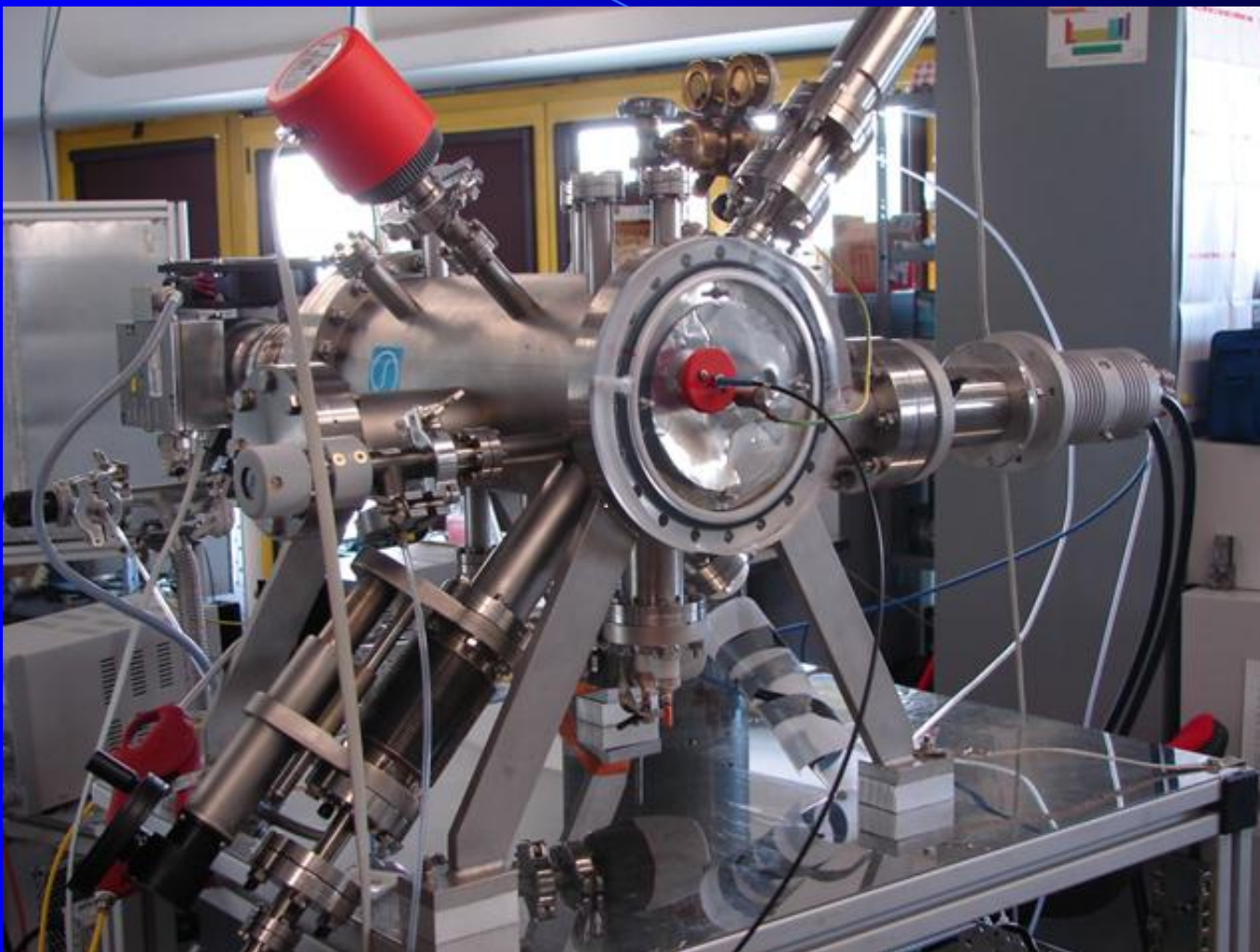
NOV/DN

Plasma Enhanced Chemical Vapor Deposition

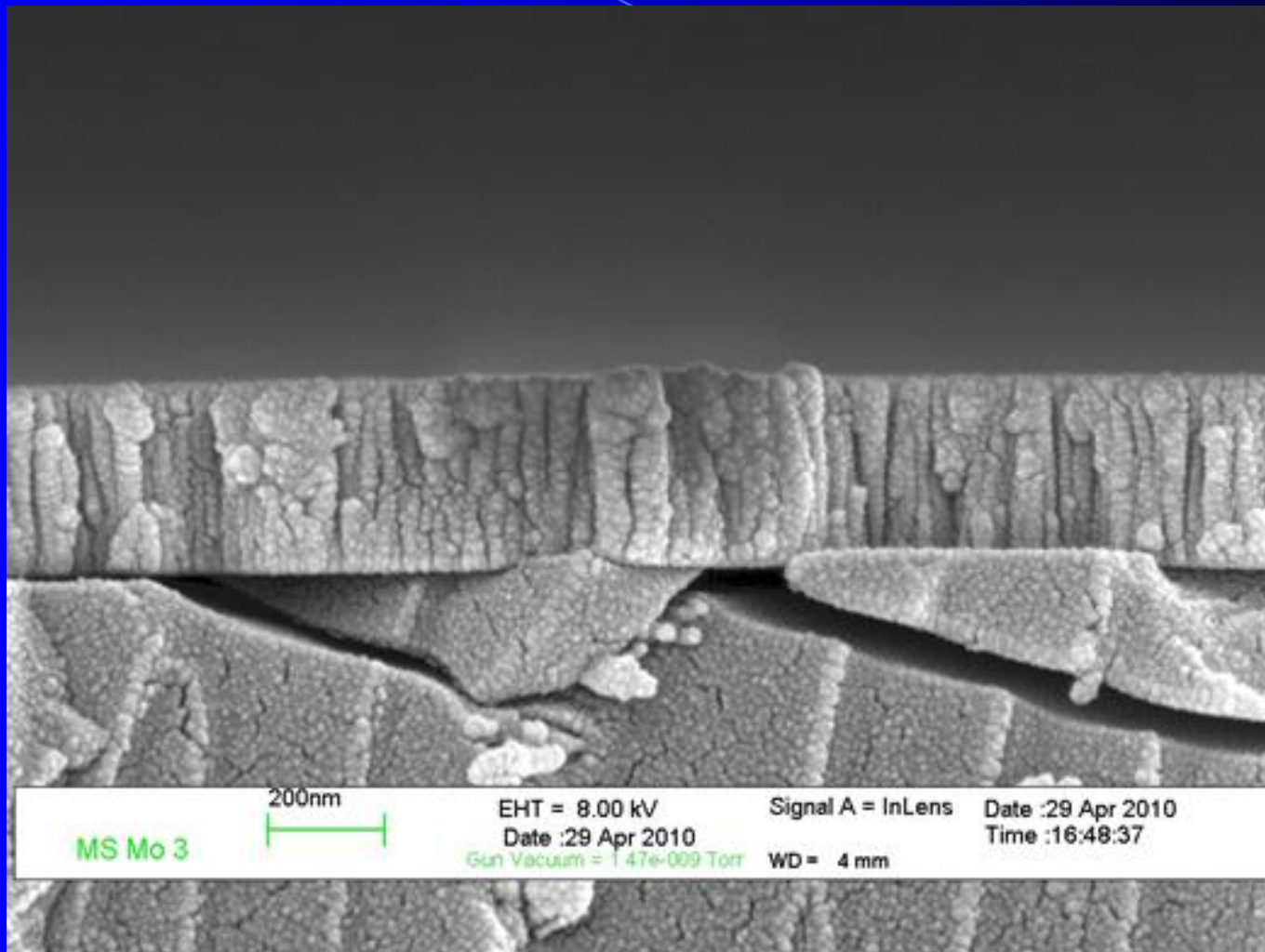


NOVON

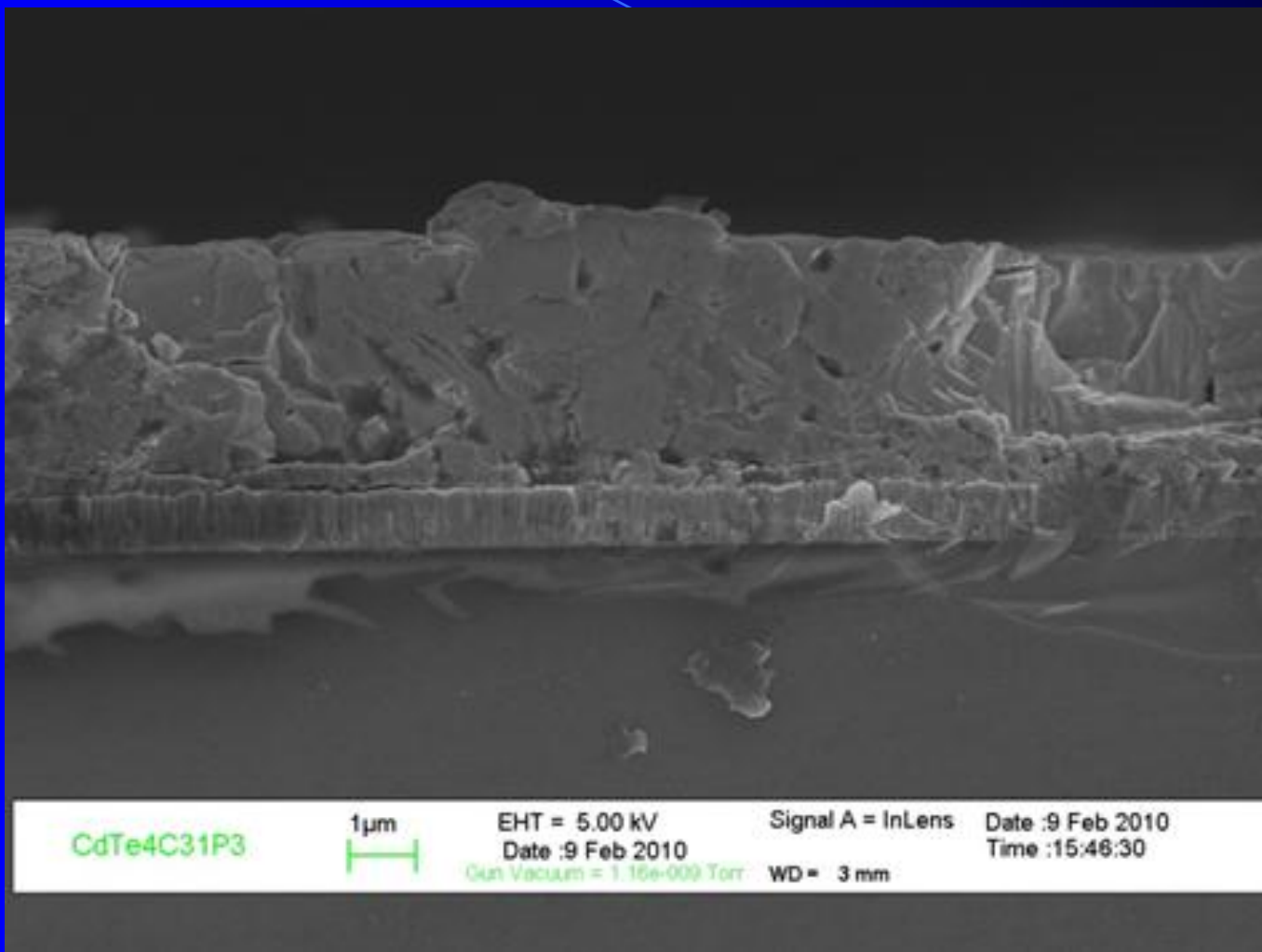
Testovací vakuový systém



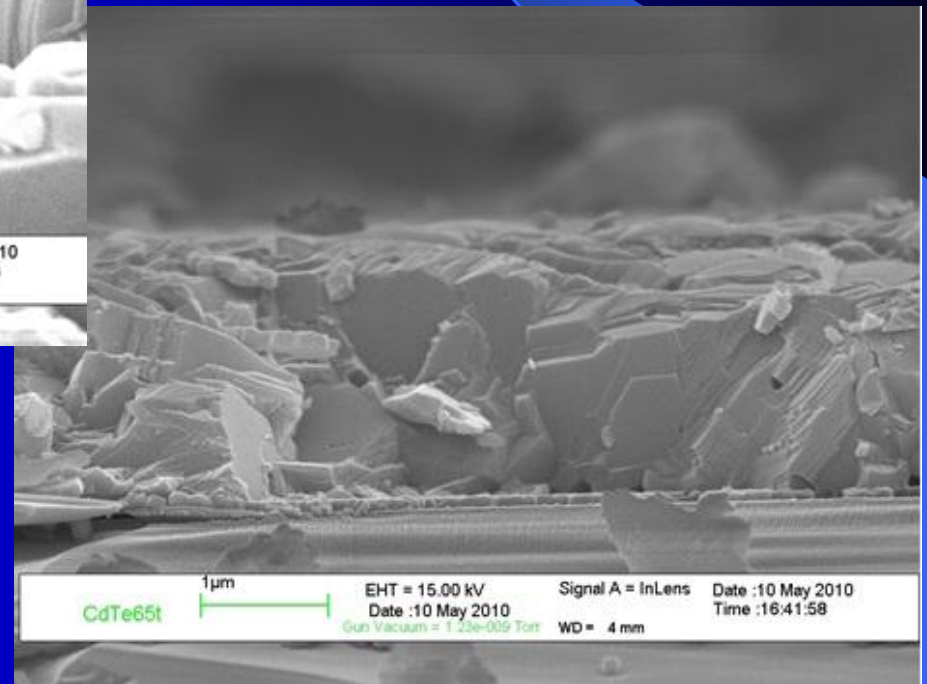
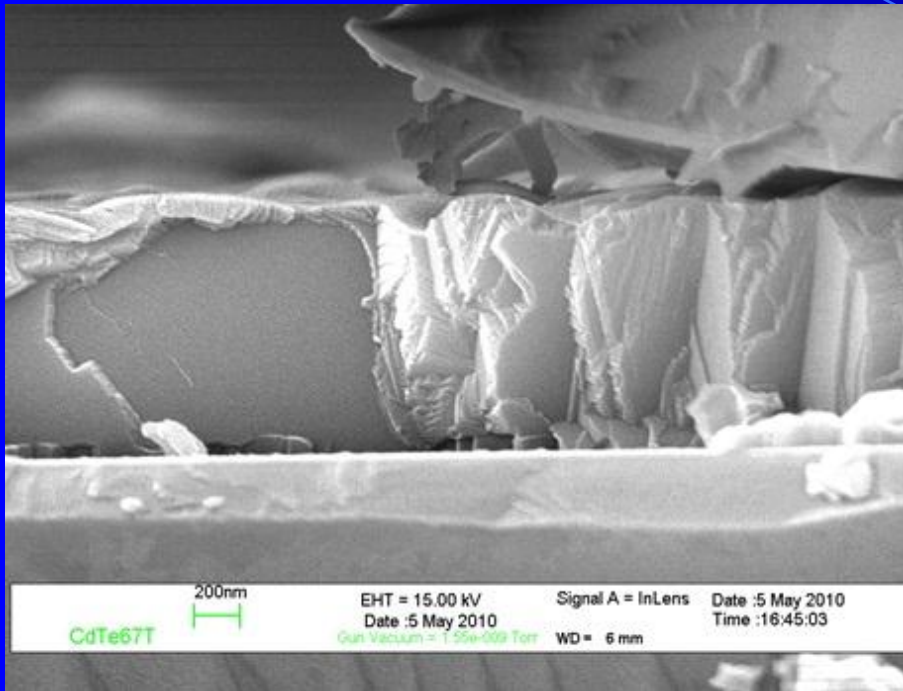
Mo na skle



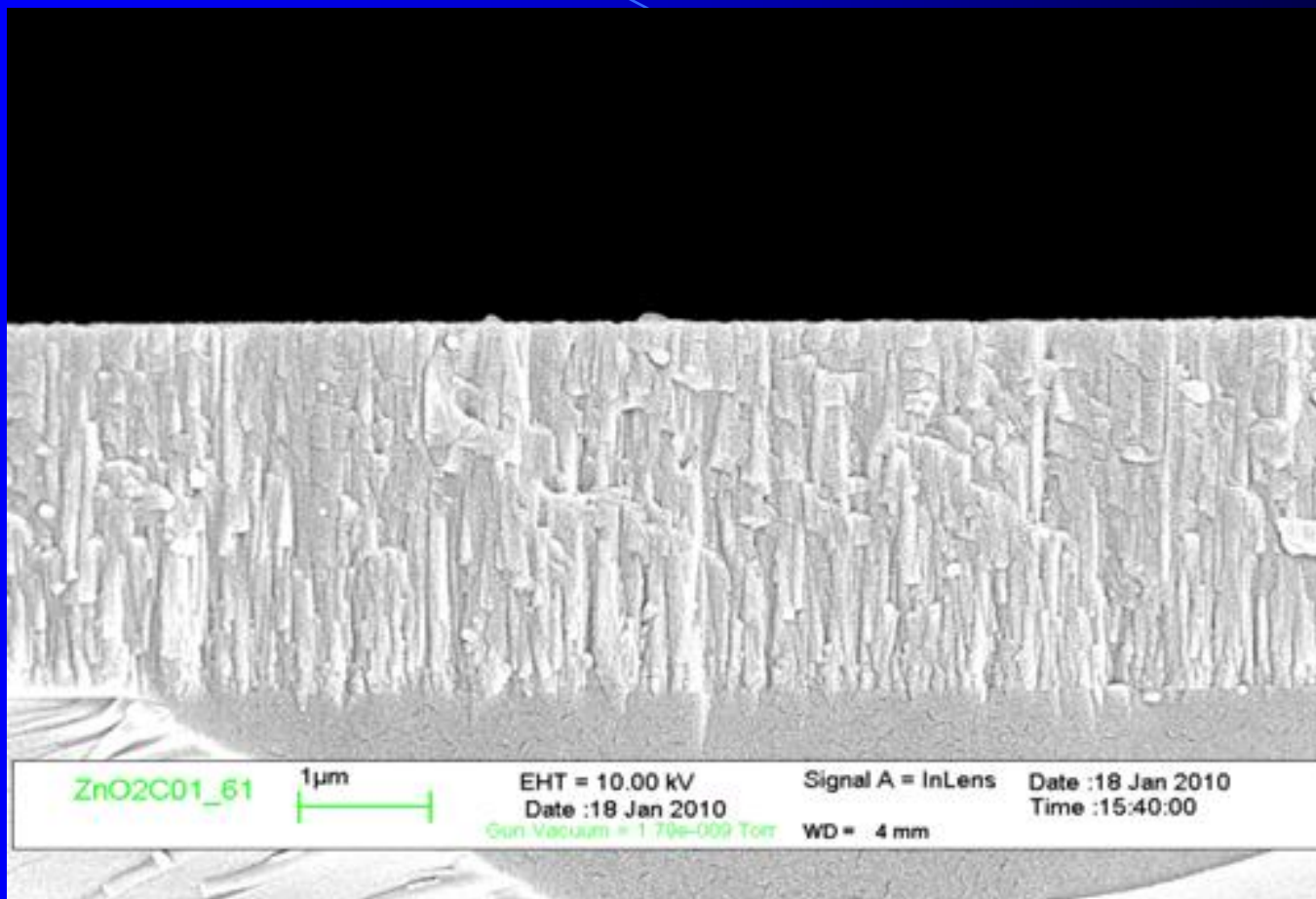
CdTe a ZnO na skle



CdTe na skle



ZnO na skle



Pokus

Poděkování

- RNDr. Petr Nozar CSc.
- Ing. Vojtěch Svoboda CSc.

Děkujeme za pozornost.