



# Fyzikálny ústav Slovenskej akadémie vied

Dúbravská cesta 9, 845 11 Bratislava

## CELOÚSTAVNÝ SEMINÁR

29. septembra 2016 (štvrtok) o 14:00 hod.

FÚ SAV, Pavilón QUTE, Auditórium 2. posch.

### Surface probe microscopy: From new experimental methods to new results

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#### Abstract:

After a brief general introduction of the activities of the Sugawara/Li SPM group, two projects, both focusing the catalytic CO oxidation reaction, will be presented more in detail:

1. Investigation of Pd nanoparticles on  $\text{Al}_2\text{O}_3/\text{NiAl}(110)$  under CO gas by AFM/ KPFM
2. Elucidation of the local dipole moment on  $\text{TiO}_2(110)$  surface by electrostatic force.

