

## On the role of structural defects in electrocatalysis by supported metals

Alexei M. Kuznetsov<sup>a</sup>, Alexei N. Gavrilov<sup>b</sup>, Pavel A. Simonov<sup>a</sup>, Vladimir I. Zaikovskii<sup>a</sup>,  
Svetlana V. Cherepanova<sup>a</sup>, Galina A. Tsirlina<sup>b</sup>, Elena R. Savinova<sup>a,c</sup>

<sup>a</sup>*Boriskov Institute of Catalysis, Novosibirsk, Russian Federation*

<sup>b</sup>*Moscow State University, Moscow, Russian Federation*

<sup>c</sup>*l'Ecole Européenne Chimie Polymères Matériaux, Université Louis Pasteur,  
Strasbourg, France*

Structural defects play major role in catalysis and electrocatalysis. In this talk we will discuss the role of structural defects in electrocatalysis by mono- (Pt) and bimetallic (PtRu) supported catalysts in model reactions of CO and methanol oxidation. The advantages and disadvantages of various types of supported noble metal catalysts for fuel cell applications will be analyzed.

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