



EUROPEAN ACADEMY OF SCIENCES

BLAISE PASCAL MEDAL 2011

Awarded to

Professor Ruslan Valiev

In recognition of his outstanding contribution to our understanding of the properties of bulk nanostructured materials. Prof. Valiev has done pioneering work in the field of processing of ultrafine-grained and nanostructured materials through the application of severe plastic deformation, a technique which is being undertaken in almost every materials science department worldwide. Prof. Valiev has significantly contributed to the study of mechanical and physical properties of materials introducing new concepts like the conception of "non-equilibrium grain boundaries". With more than 2000 citations, the review of his early work published in 2000 in Progress in Materials Science, "Bulk nanostructured materials from severe plastic deformation", is one of the most cited scientific publication in modern materials science.

Mircea Vanghelis

CHAIRMAN OF THE
SELECTION COMMITTEE

[Signature]
THE PRESIDENT