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Employment and positions

Institute of Metallurgy and Materials Science, Polish Academy of Sciences (1986-present).

Scientific Career

M.Sc.: WSP Rzeszów, 1984

Ph.D.: Institute of Metallurgy and Materials Science, Polish Academy of Sciences, 1994

Habilitation: Institute of Metallurgy and Materials Science, Polish Academy of Sciences, 2001

Scientific achievements

About 60 papers in refereed journals and conference proceedings:

Recent publications

1.

A.Morawiec, On 'interface-plane scheme' and symmetric grain boundaries, Z. Kristallogr. 227, 199-206 (2012).

2.

A.Morawiec, Geometryczny opis polikryształów w IMIM PAN, Laboratoria, aparatura, badania 6/2013, 12-15 (2013).

3.

A.Morawiec, E.Bouzy, H.Paul, J.J.Fundenberger, Orientation precision of TEM-based orientation mapping techniques, Ultramicroscopy 136, 107-118 (2014).

4.

A.Morawiec, A profile-based method of determining intragranular strains using Kossel diffraction patterns, Adv. Mat. Res. 996, 52-57 (2014).

Research Projects

Projects from Ministry of Science and Higher Education (supported in part by EU)

- „Advancing orientation and strain determination with high spatial resolution”, 2007-2008.

Experience gained abroad

Technische Universität Braunschweig, 1995 (A.v.Humboldt Fellowship)

Carnegie Mellon University, Pittsburgh, 1997

Paul Verlaine Université–Metz, 2005

Main scientific interest

Formal and numerical techniques used in analysis of crystallographic textures, grain boundaries, and microstructures. Properties of polycrystalline materials.