



# Michel Perez

Professor



25 Mai 1973



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## About me

Married, father of three boys, I am full Professor at Univ. of Lyon - INSA Lyon and facilitator of the METAL team of MATEIS group. I teach physics, thermodynamics and material sciences at INSA Lyon. My research in physical metallurgy focuses on multi-scale modelling of phase transformations.

## Skill

thesis supervision



team facilitator



teacher



militant commitment



follow the rule



(\*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

## positions

- Since 2010 Full Professor Univ. Lyon – INSA Lyon  
Teaching physics, thermodynamics and material sciences  
Research at MATEIS group
- 2001-2010 Assistant and Associate professor Univ. Lyon – INSA Lyon  
Teaching mechanics, optics, waves and material sciences  
Research at MATEIS group
- 2000-2001 Post-doctoral fellow GEMPPM  
Modeling precipitation
- 1997-2000 PhD student GPM2-LTPCM – Grenoble INP  
under the supervision of Y. Bréchet, L. Salvo and M. Suéry

## education

- 2007 Habilitation à Diriger des Recherches Univ. de Lyon – INSA Lyon  
*Multi-scale approach of precipitation.*
- 2000 PhD in Material Science Grenoble INP  
Viscosity measurements by gas-film levitation technique.
- 1996 Engineer, in Material Science Univ. Lyon – INSA Lyon  
Material Science

## research keys

- 103 published papers in peer reviewed journals.
- 33 h-index (from Google scholar).
- 33 PhD Supervisions.
- 45 PhD jury comity (as referee or president)

## administrative duties

- 2014-2018 Member of the “Executive Board” of INSA Lyon.
- 2015-2018 Facilitator of modelling team of MATEIS  
20 people / 10 permanent staff.
- 2018-... Facilitator of the METAL team of MATEIS  
60 people / 23 permanent staff.

## awards

- 2012 Jean-Morlet Prize (SF2M)
- 2013 FEMS Materials Science and Technology Prize

## major publications over the past five years

O. Waseda, R.G.A. Veiga, J. Morthomas, P. Chantrenne, C.S. Becquart, M. Perez, *Formation of carbon Cottrell atmospheres and their effect on the stress field around an edge dislocation*. Scripta Mater. 129:16-19, 2017.

J. Morthomas, C. Fusco, Z. Zhai, M. Perez. *Crystallization of finite-extensible nonlinear elastic Lennard-Jones coarse-grained polymers*. Phys. Rev. E 96:052502, 2017.

Z. K. Low, T. Chaise, D. Bardel, S. Cazottes, P. Chaudet, M. Perez, D. Nelias. *A novel approach to investigate delta phase precipitation in cold-rolled 718 alloys*. Acta Mater. 56:31-42, 2018.

A Graux, S Cazottes, D De Castro, D San Martín, C Capdevila, J. M. Cabrera, S. Molas, S. Schreiber, D. Mirković, F. Danoix, M. Bugnet, D. Fabrègue, M. Perez *Precipitation and grain growth modelling in Ti-Nb microalloyed steels*. Materialia 5:100233, 2019.

A. Balan, M. Perez, T. Chaise, S. Cazottes, D. Bardel, F. Corpacci, F. Pichot, A. Deschamps, F. De Geuser, D. Nelias, *Precipitation of  $\gamma$ ” in Inconel 718 alloy from microstructure to mechanical properties*. Materialia 20:101187, 2021.