


<i>Teaching</i>	<i>Research</i>	
INSTITUTE OF TECHNOLOGY- REIMS CHÂLONS-CHARLEVILLE -URCA CIVIL ENGINEERING DÉPART. URCA, REIMS	URCA / IThEMM INSTITUT DE THERMIQUE, MECANIQUE, MATERIAUX LABORATORY UFR SCIENCES EXACTES ET NATURELLES URCA, REIMS	

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### *Educational qualifications*

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- HABILITATION TO CONDUCT RESEARCHES, HDR, Reims Champagne Ardenne University, URCA, Reims, 2002
- PhD, MECHANICAL AND ENERGY, INSTITUT NATIONAL POLYTECHNIQUE DE LORRAINE, INPL, Nancy, 1991
- D.E.A, MECHANICAL AND ENERGY, INSTITUT NATIONAL POLYTECHNIQUE DE LORRAINE, INPL, Nancy, 1987
- ENGINEER IN T.T.N., Algerian Petroleum Institute, I.A.P, Boumerdes

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### *Career*

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- PROFESSOR, Reims Champagne Ardenne University, URCA, since 2008
- ASSISTANT PROFESSOR, Reims Champagne Ardenne University, URCA, since 1992
- ATER, INSTITUTE OF TECHNOLOGY, IUT, Reims-Chalons-Charleville, URCA, Reims, 1991

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### *Teaching courses*

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- 1st, 2nd and 3rd cycles: heat transfer in building, energy, building technical equipment, fluid mechanics, building sustainable development.

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### *Research Interests*

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- The thermal characterization of composite materials
- Two-dimensional thermal diffusivity measurement by the 'flash' method
- Study of the transient response of shell-and-tubes heat exchangers
- Unsteady conjugate conduction-convection heat transfer
- Experimental measurement of convective heat exchange coefficients
- Thermophysical characterization of agro-based materials for use as thermal insulation in building construction
- Study of bearing damage as a function of temperature and operating conditions

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### *Industrial research contracts*

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Participation in industrial research contracts :

<ul style="list-style-type: none"><li>• CTIF, Direction RDI, SEVRES</li></ul>	<ul style="list-style-type: none"><li>• Groupe ZEHNDER, Direction des émetteurs de chaleur</li></ul>
<ul style="list-style-type: none"><li>• CERA Reims, Direction des Equipements de voitures</li></ul>	<ul style="list-style-type: none"><li>• VALEO Reims, Direction des Moteurs thermiques</li></ul>
<ul style="list-style-type: none"><li>• ONERA, Châtillon Paris, Direction des calculs numériques</li></ul>	<ul style="list-style-type: none"><li>• ANVAR, ADEME</li></ul>

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### *Links to the laboratory, the research team, the publications*

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- Hyperlink publications: <https://ithemm.univ-reims.fr/spip.php?article29>
- Hyperlink last laboratory: <https://matim.univ-reims.fr/>

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### *Positions of responsibility*

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- Pedagogical director of the Professional License, LP GEBTP, IUT of Reims (2004-2008)
- Head of the Civil Engineering Department at the IUT of Reims (2008-2014, 2 terms)
- Director of the thematic research axis of Thermomechanical research, LTM, GRESPI Laboratory (April 2016-January (composition : 6 PR, 6 AP, 1 IGR)
- Member of the Laboratory Council, GRESPI, (April 2016 - January 2018)
- Pedagogical Director of the building and public works engineering school of the National Arts and Crafts Center, CNAM in Reims, since 2017.
- Project leader and then Director of the MATIM Research Unit of Reims university, from January to March 2021

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### *Publications*

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- Book : Pavel V., Lachi M., Mai T.H., Mladin E.C., Installation set Equipements Techniques, Ed. Gh. Asachi, Iasi, 2001, I.S.B.N. 973-8050-80-4.
- 76 Articles in international journals
- 80 Communications in international congresses
- 36 Communications in national congresses
- 11 Communications (without reading committee)
- 5 Edition of proceedings (congress, workshop, study day)