

Mohammed ABDELMALEK

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37 years.



Assiatant Professor at School of Management

Tlemcen

TRAINING

- 2021 Habilitation at Aboubekr Belkaid University. Tlemcen. Algeria
- 2017 PhD on pseudo-riemannian geometry under the direction of Professor BENALLILI Mohammed.
- 2010 Magister on differential geometry under the direction of Professor BENALLILI Mohammed.
- 2006 High study diploma on applied mathematics and probabilty.

RESEARCH AREA

Constant higher order mean curvature hypersurfaces, isometric immersions, lorentzian and pseudo riemannian geometry, Manifolds with density. Applied mathematics in economy.

PROFESSIONAL EXPERIENCES

- 2017-2021 Assistant professor of mathematics at School of Management, Tlemcen. Algeria.
- 2011-2017 Assistant teacher of mathematics at School of Management, Tlemcen. Algeria
- 2021- Deputy director in charge of information systems, communication and external relations.
- 2017-2021 Head of Department of preparatory classes at School of Management, Tlemcen. Algeria.
- 2014-2015 Head of Department of mathematics at School of Management, Tlemcen. Algeria.

SCIENTIFIC ACTIVITIES

- 11-12 Oct 2021 NCNTAM 2021. Department of Mathematics , UIET , CSJMU. India.
Communication : **Some results for manifolds with density embedded in space forms.**
- 30 Jun- 01 Jul 2021 The First Conference on Mathematics and Applications of Mathematics (1st CMAM 2021) Jijel. Algeria.
Communication : **Some results for manifolds with density.**
- 25-26 Mar 2021 Ischia Group Theory 2020/2021 - A 24 hour online conference.
Poster : **Generalized Weingarten hypersurfaces embedded in Euclidian space.**
- 27 Feb 2020 Seminar of mathematics : **Autour de la conjecture d'Alexandrov.**
Aboubekr Belkaid University, Tlemcen. Algeria.
- 21-24 Nov 2019 RAMA11 : Onzième Rencontre d'Analyse Mathématique et Applications. Sidi Belabes University. Algeria.
Communication : **Etude de la transversalité de sous variétés riemanniennes.**
- 25-26 Oct 2019 WHAIGA'2019 : Workshop on Harmonic Analysis and Integral Geometry with Applications, Errachidia, Morocco.
Communication : **Some integral formulae on weighted manifolds.**
- 14-15 Mar 2019 MUISC'19 : Youth, Business and Society. Maltepe, Istanbul, Turkey.
Communication : **Descriptive study of youth unemployment in Algeria.**
- 28-30 Nov 2018 IV. International Conference on Applied Economics and Finance & EXTENDED WITH SOCIAL SCIENCES. Kusadasi, Aydin, Turkey.
Communication : **The influence of the physical environment on loyalty during a service meeting : The hospitality industry case.**
- 20 Mar 2018 Organisateur de la deuxième journée de réflexion sur les stratégies et entrepreneuriat dans le secteur agroalimentaire. School of Management, Tlemcen. Algeria.
- 06-16 Mars 2018 Algèbres Non Associatives. Aspects Analytique, Géométrie et Applications. Université de Hassen 2, Casablanca. Morocco.
Communication : **Une condition de transversalité de deux sous variétés.**

- 14 Déc 2017 Organisateur de la journée de réflexion sur les défis et enjeux du numérique sur l'entreprise en Algérie. Ecole Supérieure de Management. Tlemcen. Algérie.
- 02-13 Avr 2017 EMA : Géométrie différentielle, structures géométriques et théorie géométriques de groupes, Tahar Moulay University, Saida, Algeria.
Communication : **Transversal submanifolds of arbitrary codimensions**
- 2017-2019 Reviewer : International Journal of Applied Mathematics and Theoretical Physics.
- Déc 2016 One month scientific visit at Lodz Univeristy, Poland.
- 18-20 Sept 2014 94e rencontre entre mathématiciens et physiciens théoriciens : Riemann, Einstein et la géométrie, IRMA ; Strasbourg, France.
Poster : **Quelques résultats sur la conjecture d'Alexandrov.**
- 03-06 Jun 2014 4th GétoΦMa, UIR Rabat-Morocco.
Poster : **Transverses hypersurfaces.**
- 13-15 Nov 2013 Winter School on Quantum Ergodicity, Marburg-Allemagne.
Poster : **Transversality versus of ellipticity in pseudo riemannian manifolds**
- 09-12 Oct 2012 Euro Maghrebian conference on geometry, Nice-France.
- 29 Jan-12 Feb 2012 Cimpa school : Sub-Riemannian geometry, Beirut -Lebannon.
- 05-22 Jul 2009 Geometric flows and geometric operators, Scuola normale superiore Ennio Di Georgi, Pise-Italie.

CURRICULUM VITAE

PUBLICATIONS LIST

1. Abdelmalek, M., Benalili, M. Transversality versus ellipticity on pseudo-Riemannian manifolds, International Journal of Geometric Methods in Modern Physics, Volume 12, Issue 07, August 2015.
2. Abdelmalek, M., Benalili, M., Niedzialomski, K. Geometric configuration of riemannian submanifolds of arbitrary codimension. *J. Geom.* (2017) 108 : 803.
3. Abdelmalek, M. Generalized Hsiung–Minkowski formulae on manifolds with density. *Arab. J. Math.* (2021). <https://doi.org/10.1007/s40065-021-00322-4>
4. Abdelmalek, M., Benalili, M. Some integral formulae on weighted manifolds. *J. Geom.* 112, 30 (2021). <https://doi.org/10.1007/s00022-021-00592-5>.

FURTHER INFORMATIONS

Informatric maitrises : Office, Maple, Turbo pascal, Scientifique Workplace, Latex, Matlab.
TICE : Virtual classes (Courses, Examen...) via Zoom application and meet google.

Languages :	Arabic	Mother tonge
	French	Current
	English	Current