

Identity

- **Full name** Najib Ouled Azaiez.
- **Marital status** Married, two children.
- **Address** Faculté des Sciences de Sfax
B.P 1171, Sfax 3000, Tunisia
- **Languages** English, French and Arabic.

Major Fields

- **Arithmetic Geometry**
- **Algebra**

Positions

- **Since September 2015, Assistant Professor**, King Faisal University, College of Science.
- **September, 2013–June, 2015 Assistant Professor**, Alith Faculty, Um al Qura University.
- **Since September 2008, Assistant Professor**, Faculty of Science of Sfax.
- **September, 2007—August, 2008, Postdoc**, Tata Institute, Mumbai.
- **January—August, 2007, Postdoc**, Max Planck Institute, Bonn.
- **September—December, 2006, Postdoc**, IHES, Bures sur Yvette.
- **September, 2005—August, 2006, Teaching Assistant**, Evry-University.
- **March—August, 2005, Predoc**, Max Planck Institute, Bonn.
- **September, 2002—August, 2003, Teaching Assistant**, Evry-University.
- **September, 2001—August, 2002, Teaching Assistant**, Paris 6-University.

Education

- **Paris 6-University**, Ph.D., November, 2005,
Quasimodular forms over cocompact groups and restrictions of Hilbert modular forms to modular curves.
Advisor, Don Zagier.
- **Paris 6-University**, Master degree in mathematics, 2000/2001.

Publications

- **Anneau des formes quasi-modulaires sur un groupe cocompact**, N. Ouled Azaiez, C.R. Acad. Sci. Paris, Ser. I (343) (2006).
- **Algèbre des restrictions des formes modulaires de Hilbert**, N. Ouled Azaiez, C.R. Acad. Sci. Paris, Ser. I (344) (2007).
- **The ring of quasimodular forms for a cocompact group**, N. Ouled Azaiez, Journal of Number Theory, Volume 128 (2008) Pages 1966-1988.

- **Restrictions of Hilbert modular forms**, N. Ouled Azaiez, International Journal of Number Theory, Vol. 5, No.1 (2009) Pages 67-80.
- **Sur les chiffres des nombres premiers Translatés**, N. Ouled Azaiez, Mohamed Mkaouar, and Jorg M. Thuswaldner Functiones et Approximatio, 51.2 (2014), 237–267
- **Quantum algebra from generalized q-Hermite polynomials** Kamel Mezlini, N. Ouled Azaiez, arXiv:1711.00434 [math-ph],(2017).
- **Almost valuation property in biamalgamation and pair of rings** N. Ouled Azaiez , Moutu Abdou Salam Moutui, Journal of Algebra and its applications, June (2018).
- **Some commutative ring extensions defined by almost Bézout property** N. Ouled Azaiez, Moutu Abdou Salam Moutui, submitted.

Preprints

- **Intersection Theory over integrally closed and noetherien rings**,
N. Ouled Azaiez, Marc Chardin, Patrice Phillipon, in preperation.
- **Quantization and super-pseudodifferential operators**,
N. Ouled Azaiez , Boujema Agerbaoui, in preperation.

Talks**Spring 2016**

- Some commutative ring extensions defined by Almost Bézout condition, Paris 6 University.

Spring 2014

- About the sum of digits of prime numbers, Sfax University.

Fall 2012

- Modular forms I, Algebra Seminar, Faculty of Sciences Sfax.
- Modular forms II, Algebra Seminar, Faculty of Sciences Sfax

Spring 2010

- Introduction to Supermanifolds, Workshop (Supermanifolds), Faculty of Sciences Sfax.
- Super Modular groups, Workshop (Supermanifolds), Faculty of Sciences Sfax.

Spring 2008

- Quasimodular forms, Collium Tata Institute, Mumbai
- Restrictions of Hilbert modular forms, Number theory seminar, Tata Institute, Mumbai.

Spring 2007

- Algebra of restrictions of Hilbert modular forms. Seminar Aachen-

Koln-Lille-Siegen on Automorphic Forms.

- Comparaison entre deux plongements quasimodulaires. Number Theory Seminar, Caen University.

Winter 2007

- The ring of quasimodular forms for a cocompact group, Number Theory Lunch Seminar, Max Planck Institute (Bonn).

Fall 2006

- Anneaux de formes quasimodulaires, Rennes university.
- Formes modulaires presque-holomorphes et formes quasi-modulaires, Blaise-Pascal University.
- Algèbres des restrictions des formes modulaires de Hilbert, Grenoble University.

Winter 2006

- Restrictions généralisées des formes modulaires de Hilbert, Caen university.

Fall 2005

- Structures des anneaux de formes quasi-modulaires, Paris University.

Teaching

King Faisal University

- *Galois Theory, Number Theory, Group Theory, Algebraic Geometry, Foundations of Geometry*

Um alqura University

- *Modules and Rings, Fields and Rings, Group Theory, Set Theory, Linear Programation, Derivation and Integration*, 2013/2015.

Faculty of Science Sfax

- *Linear Algebra(Preparatory courses)* , 2012/2013.
- *Integral and Series (Preparatory courses)* , 2011/2012.
- *Group and Ring Theory (Licence courses)*, 2010/2011
- *Geometry (Master courses)*,2009/2010.
- *Arithmetic and Algebra (Licence courses)*, 2008/2009.

Evry Val de l'Essonne-University

- *Bilinear Algebra and Geometry (Licence courses)*, Spring 2006.
- *Group theory and Arithmetic (Licence courses)* , Fall 2005.
- *Field theory (Master courses)*, Winter and Spring 2003.

Paris 6-University

- *Linear Algebra, Analysis (Licence courses)*, Fall 2001, Spring 2002.
- *Real Analysis, Probability (Licence courses)*, Winter and Spring 2000.