****

**Curriculum Vitae**

**Personal informations**

****

* **First Name**: Mounir
* **Last Name**: Elloumi
* **Date and place of birth**: September 28, 1981, Sfax, Tunisia
* **Nationality**: Tunisian
* **Marital Status**: Married
* **Postal Address**: Road Gremda KM6, Av Bouzayene, 3022 Sfax, Tunisia
* **Mobile**: (+216) 95591492
* **E-mail**: [mounir\_elloumi@yahoo.fr](mailto:mounir_elloumi@yahoo.fr)

**Education**

****

* **PhD Degree (06-2009 )**
* **Speciality:** Mathematics
* **Delivered by:** Paul-Verlaine University, Metz, **France**
* **Title:** Dual spaces of some semi-direct products and kernels associated with flat orbits
* **Master degree (06-2006)**
* **Speciality:** Mathematics
* **Delivered by:**  Paul-Verlaine University, Metz, **France**
* **Grade:** Very Good
* **Title:** On Gelfand pairs associated with solvable Lie groups

* **Professorship** **(06-2005)**
* **Speciality: Mathematics**
* **Grade:** Good
* **Delivered by:**  Faculty of Sciences of Sfax, Tunisia
* **National Certificate for the first phase (06-2003)**
* **Speciality:** Mathematics and Computer Science
* **Grade:** Enough good
* **Delivered by:**  Faculty of Sciences of Sfax, Tunisia
* **Baccalaureate (06-2000)**
* **Speciality:** Mathematics
* **Grade:** Very Good

**Work experience**

****

**Since September 2009**; Assistant professor in Mathematics at the Faculty of Sciences of Sfax, University of Sfax, **Tunisia**

**Courses taught**

****

* **Tutorials:** Abstract and Linear Algebra, Analysis, Differential Calculus
* **Course:** Abstract and Linear Algebra, Analysis

**Scientific Research**

****

**1-** M. [Elloumi,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:elloumi.mounir) J. [Ludwig,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:ludwig.jean) Dual topology of the motion groups $SO(n)\ltimes \mathbb R^n$, [Forum Math.](http://www.zentralblatt-math.org/portal/en/zmath/journals/search/?an=00001254) 22, No. 2, 397-410 (2010).

**-**2 M. [Elloumi, H. koubaa,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:elloumi.mounir) J. [Ludwig,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:ludwig.jean) Flat orbits and kernels of irreducible representations of the group algebra of a completely solvable Lie group, [J. Funct. Anal.](http://www.zentralblatt-math.org/portal/en/zmath/journals/search/?an=00000492) 258, No. 12, 3955-3976 (2010).

**-**3[F. Abdelmoula,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:abdelmoula.fatma) M. [Elloumi,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:elloumi.mounir) J. [Ludwig,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:ludwig.jean)The C\*-algebra of the motion group $SO(N) \ltimes \mathbb R^n **$** [Bull. Sci. Math.](http://www.zentralblatt-math.org/portal/en/zmath/journals/search/?an=00002084) 135, No. 2, 166-177 (2011).

-4S. Azaouzi, A. [Baklouti,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:baklouti.ali) M. [Elloumi,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:elloumi.mounir) A generalization of Hardy’s uncertainty principle on compact extensions of $\mathbb R^n$, Annali di Matematica, 193(3)و 723-737 (2014).

5- S. Azaouzi, A. [Baklouti,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:baklouti.ali) M. [Elloumi,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:elloumi.mounir) Analogues of Miyachi, Cowling-Price and Morgan theorems for compact extensions of $\mathbb R^{n}$, [Indian J. Pure Appl. Math.](http://www.zentralblatt-math.org/portal/en/zmath/journals/search/?an=00000107) 44, No. 5, 587-604 (2013).

**6-** B. Abdelmoumen, M. [Elloumi,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:elloumi.mounir) Geometry and Algebra MP1, CPU, Tunisia, (2015).

**7-** M. Elloumi, Janne-Kathrin Gunther and Jean Ludwig, Dual topology of the groups $U(n)\ltimes\mathbb{H}\_n$, Geometric and Harmonic Analysis on Homogeneous Spaces and Applications, DOI:10.1007/978-3-319-65181-1\_2,(2017).

**8**- S. Azaouzi, A. [Baklouti,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:baklouti.ali) M. [Elloumi,](http://www.zentralblatt-math.org/portal/en/zmath/search/?q=ai:elloumi.mounir) Analogues of Beurling’s theorem and some other uncertainty principles on compact extensions of $\mathbb R^n$, in progress.

**Research themes**

****

* Harmonic analysis: Lie groups, representation theory, uncertainty principles
* Functional analysis, differential geometry, topology

**Academic supervision**

****

* Research Assistant-supervisor of Master thesis entitled:

« **Uncertainty principles on nilpotent Lie groups »**

* Research Assistant-supervisor of PhD thesis entitled:

«**Uncertainty principles on compact extensions of $\mathbb R^n$ »**

**Scientific meetings**

****

* + Metz-Nancy-Reims-Strasbourg Days: Harmonic Analysis and Representation Theory (Metz, December 2006, France )
  + Metz-Nancy-Reims-Strasbourg Days: Harmonic Analysis and Representation Theory ( Nancy, June 2007, France )
  + Harmonic Analysis seminar (Orsay, July 2008, France)
  + Harmonic Analysis, Operator Algebra and Representation Theory (November 3-7, 2008, CIRM)
  + Metz-Nancy-Reims-Strasbourg Days: Harmonic Analysis and Representation Theory ( Strasbourg, November 2008, France )
  + IRTG student reports - January 29, 2009 (PACE Best Presentation Award 2009) – Metz, France
  + JSPS-MHESRT seminar: Geometric and Harmonic Analysis (Kerkennah, November 2009, Tunisia)
  + Second Tunisian-Japanese Conference on Geometric and Harmonic Analysis on Homogeneous Spaces and Applications (Sousse, December 2011, Tunisia )
  + 12th International Symposium on Orthogonal Polynomials, Special Functions and Applications (Sousse, March 24-29, 2013, Tunisia)
  + Third Tunisian-Japanese Conference on Geometric and Harmonic Analysis on homogeneous Spaces and Applications (Hammamet, December 2013)

**Training**

****

* Training session in university pedagogy (Sfax 2010-2011)

**Computer skills**

****

* Windows
* Maple
* Latex
* MATLAB

**Language skills**

****

* **Arabic**: Mother tongue.
* **French**: Perfect both written and spoken.
* **English:** good both written and spoken.

**Abilities**

****

* Good communication with students.
* Full integration in work environment.
* Adaptability to new situations.