

HADDAD ABDELHAMID

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 [GitHub](#)

 [Homepage](#)

*One of the most difficult things I have observed is the artist in his art,
and it is also the most beautiful ... H.A*

ABOUT ME

Currently in the Master of Fundamental Physics at the University of Aix-Marseille, I seek an internship of 4 to 6 months starting mid march 2023, and later on, a PhD ! I enjoy working on real issues, arising in theoretical and fundamental physics, either mathematically and/or numerically, facing real data and physical phenomena.

EDUCATION

Aix-Marseille University - Marseille, France Masters degree - M2 : Fundamental Physics - In English <i>Still looking for a 4-6 months Internship, maybe under your supervision ?</i>	Sep 22 - July 23
Aix-Marseille University - Marseille, France Masters degree (in person) - M1 : Fundamental Physics - In English 2-month Internship under the supervision of Pr. Marco Pettini entitled: <i>"Stability and instability of geodesic flows on smoothly deformed S^2"</i>	Sep 21 - June 21
Aix-Marseille University - Marseille, France Masters degree at distance (MPAD) - M1 : Fundamental Physics - In English	Oct 20 - June 21
Badji Mokhtar University - Annaba, Algeria Masters degree - Particules et Cosmologie - Partially in English 5-month Internship under the supervision of Pr. Badis Ydri entitled: <i>"Monte-Carlo simulation of the Gaussian BFSS matrix model at large number of dimensions"</i> arXiv:2209.14696 [hep-th]	Sep 18 - Oct 20
Akli Mohand Oulhadj University - Bouira, Algeria Bachelors degree - Physique Fondamentales - Fully In French	Sep 15 - June 18
Lyce Abderrahmane Mira - Bouira, Algeria Baccalaureate degree - Experimental sciences - Fully In Arabic	July 2015

(MINI) PROJECTS

• Conceptual introduction to BKT transition in the XY model & glimpse into the topological point of view (Pr. M.Pettini)	Feb - March 22
• Measuring galaxy cluster (A3926) masses with weak lensing. (Pr. N.Martinet)	Jan - March 22
• A first look into Quantum Logic. (Pr. T.Krajewski)	Nov 20 - Jan 21
• Dark matter distribution in galaxies.	May 21
• The measurements of Cosmological Parameters.	Feb 20
• On the notion of Universality in physics.	Dec 19
• Les Rayons Cosmiques. (Power Point)	Dec 18
• Heisenberg uncertainty and waves-particle duality.	March 18
• Problem of blackbody radiation and plank quantization.	May 2017

MORE ABOUT

Language skills	Arabic (Native), French (C2 in TCF SO), English (5.5 in IELTS test).
Software	Fotran77 & 90, Python & Latex.
Interest	Sociology & Psychology, Physics book ordering.
Other's	Positive attitude, Quick learner, competitive and perfectionist.

PROFESSIONAL EXPERIENCE

Online tutoring on math and physics for different degree's with [GoStudent](#) From Feb 2021 (750h)

Contractual professor in Mathematics March 2021 - July 2021
Jean-Daste college, Saint-Etienne, France

SEMINARS/CONFERENCES AND WORKSHOPS ATTENDED

- HASCO Summer School 2022 Online 24 Jul to 1 Aug 22
- 1st MaNiTou Summer School on Gravitational Waves Marseille - France 4 - 8 Jul 22
- Higgs 2021 Online 18-22 Oct 21
- Bad Honnef Summer School on Methods of Effective Field Theory and Lattice Field Theory Online 12-30 Jul 21
- School of Statistics - SOS 2021 Online 18-29 Jan 21
- ICTS Program: Nonperturbative and Numerical Approaches to Quantum Gravity, String Theory and Holography Online 18-22 Jan 21
- TOOLS 2020, Tools for High Energy Physics and Cosmology Online 2-6 Nov 20
- GIST of Theoretical Physics: Quantum Geometry and Duality Online 30-31 Oct 20
- Higgs 2020 (previously called "Higgs Couplings") Online 26-30 Oct 20
- Virtual Conference of the Polish Society on Relativity Online 24-26 Sep 20
- 19th International Conference on B-Physics at Frontier Machines, BEAUTY 2020 Online 21-24 Sep 20
- The Tenth International Conference on High Energy and Astroparticle Physics (TIC-HEAP) Constantine - Algeria 19-21 oct 19

REFERENCES

Pr. Marco Pettini	Aix-Marseille University	marco.pettini@gmail.com
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