

AL-HOURANI – PhD Student

Personal Information ▶

Name : Awni Naim Nahar Al-Hourani
Nationality : Jordanian
Date Of Birth : 03 November 1981
Place Of Birth : Irbid - Jordan
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Universita degli Studi di Pavia
Dipartimento di Fisica
Via Bassi, 6
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Research Interests ▶

The investigation of the magnetism in noble metal magneto-plasmonics nanoheterostructures by means of Synchrotron based spectroscopic techniques; X-ray Absorption spectroscopy (XAS), near edge absorption fine structure (XANES), X-ray magnetic circular dichroism.

Education ▶

PhD student in physics Università degli Studi di Pavia	<i>November 2010- Present</i>
Master degree in physics AL al-Bayt University (Jordan)	<i>February, 2010</i>
Bachelor degree of Science in Applied Physics Jordan University Of Science & Technology (Jordan)	<i>February, 2004</i>
The General Secondary Education Certificate	<i>August, 1999</i>

Work Experience ▶

Teacher *2004 - 2010*
Teaching experience in the subjects of science and physics for elementary and secondary levels. (Jordan)

Awards ▶

PhD Scholarship *January 2011-
January 2014*
American University of Madaba

Skills ▶

Computer:

Microsoft Windows & Office, Origin Lab, Wolfram Mathematica

Languages:

Arabic : Native Language

English : Speak, read, and write in high proficiency

Italian : Speak, read, and write in elementary competence

Schools and Meetings ▶

1	XI School on Synchrotron Radiation Fundamentals, Methods and Applications	Trieste, Italy	<i>5-16 September 2011</i>
2	SESAME-JSPS School 2011 Jointly organized with the 9th SESAME Users' Meeting	Amman, Jordan	<i>14-16 November 2011 (12-14 Nov. The meeting)</i>
3	Italian School on Magnetism	Pavia, Italy	<i>6-10 February 2012</i>
4	AIP-ICTP Industrial Physics Forum 2012	Trieste, Italy	<i>16-20 April 2012</i>
5	10th SESAME Users' Meeting	Amman, Jordan	<i>07-09 November 2012</i>

Publications ▶

1. Pineider, F. et al. Spin-Polarization Transfer in Colloidal Magnetic-Plasmonic Au/Iron Oxide Hetero-nanocrystals. ACS Nano (2012).doi:10.1021/nn305459m