

Curriculum Vitae (Amina Abozeed)

| Personal Data | |
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| Full name | Amina Abdelsamea Abozeed Farghaly. |
| Current Job | Lecturer (=Assistant Professor) at Physics Department, Faculty of Science, Assiut University, Egypt. |
| Address | Physics Department, Faculty of Science, Assiut University, Assiut, 71516, Egypt. |
| Nationality | Egyptian. |
| Date of birth | October 6 th , 1987. |
| Phone | Mobile: +201550881490. |
| E-mails | amina.farghali@science.aun.edu.eg , amina.physics@yahoo.com |
| Google Scholar | https://scholar.google.com/citations?user=BYO2qjUAAAAJ&hl=en&oi=ao |
| ResearchGate | https://www.researchgate.net/profile/Amina-Abozeed |
| Scopus | https://www.scopus.com/authid/detail.uri?authorId=57193155761 |
| ORCID | https://orcid.org/0000-0002-5753-8069 |
| Assiut University | https://www.aun.edu.eg/science/amina-abdelsamea-abozeed-farghaly |

| Job & Academic Development | |
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| 5 | 03/2019-Current: Lecturer (=Assistant Professor), Physics Department, Faculty of Science, Assiut University, Egypt. |
| 4 | 04/2019-03/2021: Starting Assistant Professor, College of Science and Engineering, Ritsumeikan University (BKC), Japan. |
| 3 | 04/2018 – 03/2019: Researcher, College of Science and Engineering, Ritsumeikan University (BKC), Japan. |
| 2 | 06/2014- 03/2019: Assistant Lecturer, Physics Department, Faculty of Science, Assiut University, Egypt. |
| 1 | 03/2009–06/2014: Demonstrator (Faculty Assistant), Physics Department, Faculty of Science, Assiut University, Egypt. |

| Scientific Degrees | |
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| 3 | Ph.D. (<i>Doctoral Degree in Science</i>) : Physics; September 2014 – March 2018; Thesis Title “Electronic States of the First Order Ferrimagnet ErCo ₂ Studied by Polarization Dependent Hard X-Ray Photoemission Spectroscopy”, Supervisor: Prof. Dr. Imada Shin, Department of Physical Sciences, Graduate School of Science and Engineering, Ritsumeikan University (BKC), Japan. |

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| 2 | M.Sc. (Master of Science): Experimental Physics (Plasma Physics); October 2010 – May 2014; Thesis Title “Characteristics of Dielectric Barrier Discharge in Wire-Plane Gaps stressed by Different Types of Applied Voltage”, Supervisor: Prof. Dr. Mazen M. Abdel-Salam, Physics Department, Faculty of Science, Assiut University, Egypt. |
| | Pre–Master Courses: Plasma Physics; 10/2009 – 10/2010; Physics Department, Faculty of Science, Assiut University, Egypt. General Estimate: Very Good. |
| 1 | B.Sc. (Bachelor of Science); 09/2004 – 07/2008; Physics: Physics Department, Faculty of Science, Assiut University, Egypt. General Estimate: Very good with honor. |

| Published Papers | |
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| 11 | <u>Amina A. Abozeed</u> , Chikako Morimoto, Toshiharu Kadono, Akira Sekiyama, Hidenori Fujiwara, Atsushi Higashiya, Atsushi Yamasaki, Y. Kanai-Nakata, Kenji Tamasaku, Makina Yabashi, Tetsuya Ishikawa, and Shin Imada, “Bulk Ce 4f State in the Heavy Fermion CeAuSb ₂ Studied by Linear Polarized Hard X-ray Photoelectron Spectroscopy”, (under preparation). |
| 10 | <u>Amina Abozeed</u> , Mahmoud Tolba, Mostafa Sayed, Ahmed F Al-Hossainy, Osama Younis. “TD-DFT calculations and optical properties of a luminescent thiazolopyrimidine compound with different emission colors and uncommon blue shift upon aggregation”. <i><u>Journal of Applied Physics</u></i> (Publisher: AIP “American Institute of Physics”), 2023, 133, 033101. https://doi.org/10.1063/5.0128280 . |
| 9 | N. Almutlaq, Mahmoud M. Elshanawany, Mostafa Sayed, Osama Younis, Mostafa Ahmed, Josef Wachtveitl, Markus Braun, Mahmoud S. Tolba, Ahmed F. Al-Hossainy, <u>Amina A. Abozeed</u> , “Synthesis, Structural, TD-DFT, and Optical Characteristics of Indole Derivative”, <i><u>Current Applied Physics</u></i> (Publisher: Elsevier), 2023, 45, 86-98. https://doi.org/10.1016/j.cap.2022.11.004 |
| 8 | <u>Amina A. Abozeed</u> , Denis I. Gorbunov, Toshiharu Kadono, Yuina Kanai-Nakata, Kohei Yamagami, Hidenori Fujiwara, Akira Sekiyama, Atsushi Higashiya, Atsushi Yamasaki, Kenji Tamasaku, Makina Yabashi, Tetsuya Ishikawa, Hirofumi Wada, Alexander V. Andreev, Shin Imada, "Anisotropic Magnetization and Electronic Structure of the First-Order Ferrimagnet ErCo ₂ Studied by Polarization Dependent Hard X-Ray Photoemission Spectroscopy”, <i><u>Physica B: Condensed Matter</u></i> (Publisher: Elsevier), 2023, 649, 414465. https://doi.org/10.1016/j.physb.2022.414465 |
| 7 | Amina Abozeed, <u>Osama Younis*</u> , Ahmed F. Al-Hossainy, Nada Abd El-Mawla, Mostafa Sayed, Adel M. Kamal El-Dean, Mahmoud S. Tolba. “Combined experimental and TD-DFT/DMOI ³ investigations, optical properties, and photoluminescence behavior of a thiazolopyrimidine derivative”. <i><u>Scientific Reports</u></i> (Publisher: Nature Portfolio). 2022, 12, 15674. https://doi.org/10.1038/s41598-022-19840-y |

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| 6 | <p><u>Amina Abozeed</u>, Mostafa Sayed, Osama Younis, Mahmoud S. Tolba, Reda Hassanien, Adel M.Kamal El-Dean, Samia M. Ibrahim, Amira Salah, Amira Shakir, Reham El-Sayed, Yasser A. El-Ossaily, Ahmed F. Al-Hossainy. "Characterization and optical behavior of a new indole Schiff base using experimental data and TD-DFT/DMO13 computations". <i>Optical Materials</i> (Publisher: Elsevier). 2022, 131, 112594. https://doi.org/10.1016/j.optmat.2022.112594</p> |
| 5 | <p>Abdelaziz Abu El-fadl, Amna Eltokhey, A. A. Abu Sehly, and <u>Amina A. Abozeed</u>, "Stabilization of tetragonal phase of nanostructured Fe_x/ZrO₂ system (0 ≤ x ≤ 25) prepared by modified sol-gel method", <i>Physica Scripta</i> 97 (2022) (1-6). https://doi.org/10.1088/1402-4896/ac4864</p> |
| 4 | <p><u>Amina A. Abozeed</u>, Keisuke Sano, Kensei Terashima, Atsushi Yamasaki, Atsushi Higashiya, Hidenori Fujiwara, Takayuki Kiss, Akira Sekiyama, Yoshihito Tanaka, Makina Yabashi, Kenji Tamasaku, Tetsuya Ishikawa, Shinichi Masubuchi, and Shin Imada, "Electronic States of an Antiferromagnet CeCuSb₂ Studied by Linearly Polarized Hard X-Ray Photoemission Spectroscopy", <i>JPS Conf. Proc.</i>, 011104 (2020). https://doi.org/10.7566/JPSCP.30.011104</p> |
| 3 | <p><u>Amina A. Abozeed</u>, Toshiharu Kadono, Akira Sekiyama, Hidenori Fujiwara, Atsushi Higashiya, Atsushi Yamasaki, Yuina Kanai, Kohei Yamagami, Kenji Tamasaku, Makina Yabashi, Tetsuya Ishikawa, Alexander V. Andreev, Hirofumi Wada, and Shin Imada, " Rare-Earth Fourth-Order Multipole Moment in Cubic ErCo₂ Probed by Linear Dichroism in Core-Level Photoemission", <i>J. Phys. Soc. Jpn.</i> 87 (2018) 033710. https://doi.org/10.7566/JPSJ.87.033710</p> |
| 2 | <p>A. Higashiya, K. Nakagawa, A. Yamasaki, K. Nagai, S. Fujioka, Y. Kanai, K. Yamagami, H. Fujiwara, A. Sekiyama, <u>Amina Abozeed</u>, T. Kadono, S. Imada, K. Kuga, M. Yabashi, K. Tamasaku, T. Ishikawa, S. Toyama, K. Takase, "Hole doping effect on the electronic structure of layered oxypnictide LaOMnAs", <i>Journal of Electron Spectroscopy and Related Phenomena</i> 220 (2017) 58–60. https://doi.org/10.1016/j.elspec.2017.01.006</p> |
| 1 | <p>Mazen Abdel-Salam, A. S. Gabre, A. M. A. Amry, and <u>Amina A. Abozeed</u> "Characteristics of DC Corona in Wire to- Plane Gaps as Influenced by Back Discharge", the 15th International Middle East Power Systems Conference (MEPCON'12), Alexandria University, Egypt, Paper ID 318, December 23-25, 2012. https://www.researchgate.net/publication/357975558_Characteristics_of_DC_Corona_in_Wire_to-Plane_Gaps_as_Influenced_by_Back_Discharge</p> |

| Membership of Academic Societies | | |
|----------------------------------|-------------|--|
| 4 | 2017 – 2021 | JSSR: Japanese Society for Synchrotron Radiation Research |
| 3 | 2016 – 2021 | PSJ: Physical Society of Japan. |
| 2 | 2015 – 2021 | SPring-8/ RIKEN: a synchrotron radiation facility located in Hyōgo Prefecture, Japan. |
| 1 | 2015 – 2021 | SR Center: a synchrotron radiation facility located in Ritsumeikan University (BKC), Japan. |

| Scholarships & Fellowships | |
|----------------------------|---|
| 4 | April 2017 – March 2018: Researcher Fellowship, Ritsumeikan University, Japan. |
| 3 | April 2017 – September 2017: KENKYU-SHOREI Scholarship (B), Ritsumeikan University, Japan. |
| 2 | April 2016 – March 2017: Scholarship for African and Asian students, Ritsumeikan University, Japan. |
| 1 | October 2015 – March 2016: International Students Assistance Scholarship by Ritsumeikan Trust Faculty and Staff, Ritsumeikan University, Japan. |

| Conferences | |
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| 7 | March 16-19, 2020: Annual Meeting (75th) of the Physical Society of Japan (JPS), Oral " Electronic States of Antiferromagnets CeCuSb₂ and CeAuSb₂ Studied by Linearly Polarized Hard X-Ray Photoemission Spectroscopy ", Nagoya University (Higashiyama campus), Nagoya, Japan. |
| 6 | September 23-28, 2019: International Conference on Strongly Correlated Electron Systems 2019 (SCES2019), Poster, " Electronic States of an Antiferromagnet CeCuSb₂ Studied by Linearly Polarized Hard X-Ray Photoemission Spectroscopy ". Okayama Convention Center, Okayama, Japan. |
| 5 | March 2017: Annual Meeting of the Physical Society of Japan (JPS), Oral "Hard X-Ray Photoemission and Comparison with Band Structure Calculations of ErCo ₂ ", Osaka University, Osaka, Japan. |
| 4 | January 2017: Annual Meeting of the Japanese Society for Synchrotron Radiation Research (JSSR), "The Electronic Structure of the Laves Phase Compound ErCo ₂ Studied by Hard X-Ray Photoemission Spectroscopy", Oral, Art Center of Kobe, Kobe, Japan. |

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| 3 | March, 2016: Annual Meeting of the Physical society of japan (JPS), " The Assessment of Quadrupole Moment of R Element in R ₂ Fe ₁₄ B (R=Pr, Nd, Dy) by 3d-XAS Liner Dichroism", Poster, Tohoku University, Sendai, Japan. |
| 2 | March, 2016: Annual Meeting of the Physical society of japan (JPS), "Polarization Dependent Hard X-ray Photoemission of Single Crystal Laves Phase Ferrimagnet ErCo ₂ ", Poster, Tohoku University, Sendai, Japan. |
| 1 | December 2012: 15 th International Middle East Power Systems Conference (MEPCON'12), "Characteristics of DC Corona in Wire to- Plane Gaps as Influenced by Back Discharge"; Oral; Alexandria University, Egypt, Paper ID 318 . |

| Training Workshops | | |
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| 21 | 5-7 July 2020 (Online) | Title: Quality Standards in Teaching. By: Faculty and Leadership Development Project (FLDP), Ministry of Higher Education, Assiut University, Egypt. |
| 20 | 5-7 July 2020 (Online) | Title: Conference Organization. By: Faculty and Leadership Development Project (FLDP), Ministry of Higher Education, Assiut University, Egypt. |
| 19 | April 2019 | Title: Workshop on Radiation Safety at Synchrotron Radiation (SR) Sources. By: SR Center, BKC Campus, Ritsumeikan University, Shiga, Japan. |
| 18 | 10-11 Mar. 2019 | Title: Application of Information Technology in Teaching. By: Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 17 | 26-27 Feb. 2019 | Title: Analytical and Creative Thinking in Teaching. By: Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 16 | 26-27 Feb. 2019 | Title: Student Evaluation. By: Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 15 | 19-20 Feb. 2019 | Title: Statistical Analysis in Scientific Research. By: Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 14 | 17-18 Feb. 2019 | Title: Code of Ethics. By: Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 13 | 10-11 Feb. 2019 | Title: Scientific research funding and grant. By: Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 12 | 11 th January 2014 | Title: English Language Proficiency (ELP). By: English Language Center (ELC), Assiut University, Egypt. |
| 11 | 21-23 Jan. 2012 | Title: How to compete for a Research Fund. By: Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 10 | 14-16 Jan. 2012 | Title: Effective Presentation. By: The Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |

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| 9 | 8-10 Jan. 2012 | Title: Research Team Management. By: The Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 8 | 20-25 Nov. 2010 | Title: University teacher preparation By: Faculty of Education, Assiut University, Egypt. |
| 7 | 25-27 July 2009 | Title: Use of Technology In Teaching. By: The Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 6 | 18-20 July. 2009 | Title: Credit Hour System. By: The Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 5 | 7-9 July. 2009 | Title: Communication Skills. By: The Faculty and Leadership Development Project (FLDP), Assiut University, Egypt. |
| 4 | 28 Jun. 2009 | Title: The means of security and safety labs By: Assiut University, Egypt. |
| 3 | 27 July 2007 | Title: Leadership Development By: Alexandria University, Ministry of Higher Education, Egypt. |
| 2 | 20-25 July 2007 | Title: A Training workshop on " The internet " By: Assiut University, Egypt. |
| 1 | 1-12 July 2007 | Title: A Summer Training Program By: Assiut Petroleum Company, Assiut, Egypt. |

References for Recommendation

1. Prof. Dr. Shin Imada

- Relationship: Supervisor of my PhD Thesis.
- Department of Physical Sciences, Graduate School of Sciences and Engineering, Ritsumeikan University, Japan.
- E-mail: imada@se.ritsumei.ac.jp Phone/Fax: 0081775613857.
- http://www.ritsumei.ac.jp/se/rp/physics/lab/spinspec/Imada_lab/Home.html

2. Prof. Dr. Abdel-Moniem Sultan

- Relationship: Professor at the department at which I work and from which I got the Bachelor and Master degrees.
- Physics Department, Faculty of Science, Assiut University, Egypt.
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- <https://www.aun.edu.eg/science/abdel-moniem-sayed-ahmed-sultan>

3. Prof. Dr. Galal Saad

- Relationship: Professor at the department at which I work and from which I got the Bachelor and Master degrees.
- Physics Department, Faculty of Science, Assiut University, Egypt.
- E-mail: galalsh@yahoo.com, galal.ismail@science.au.edu.eg Phone: 00201028831292.
- <https://www.aun.edu.eg/science/galal-saad-hasan-ismail>

4. Prof. Dr. Ahmed Farouk Al-Hossainy

- Relationship: Coauthor of several manuscripts.
- Chemistry Department, Faculty of Science, New Valley University, Egypt.
- E-mail: ahmed73chem@nvu.edu.eg Phone: +201099330009.
- <https://scholar.google.com/citations?user=p3P6Wk8AAAAJ&hl=en>
- http://www.nvu.edu.eg/membercv.php?M_ID=4949