

# Curriculum vitae

## PERSONAL INFORMATION



### Ahmed Mahmoud Mostafa Elsayed Hemaïd

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Sex Male | Date of birth 08/11/1984 | Nationality Egyptian

## PERSONAL STATEMENT

- PhD Student in Material Science at Department of Applied science and Technology, Politecnico di Torino University, Italy
- Assistant lecturer at Conservation department, faculty of Archaeology, Sohag University, Egypt.
- Master of Restoration and Conservation of Metallic artefacts, Sohag University, Egypt.
- Bachelor degree in Restoration and Conservation of monuments.

## WORK EXPERIENCE

04/06/2006–10/11/2015

- Assistant lecturer in Conservation department, Faculty of Archaeology, Sohag University, Egypt, Sohag (Egypt)

- Conservation Department, Faculty of Archaeology, Sohag University, Sohag (Egypt)
- Level 7 in (EQF Levels) European Higher Qualification Area.
- Restoration and Conservation of inorganic and organic materials.
- Teach and train students from 2006 until 2015 in practical conservation and restoration of monuments, in Sohag University, Egypt.

## EDUCATION AND TRAINING

20/09/2001–31/07/2005

**Bachelor degree in restoration and conservation of Monuments**

EQF level 6

Faculty of Arts, South Vally university, Sohag (Egypt), Sohag (Egypt)

- Restoration and Conservation of Monuments.

20/08/2008–30/12/2013

**Master of Restoration and Conservation of some Islamic Metallic Artifacts in Faculty of arts Museum, Sohag University.**

EQF level 7

Faculty of arts, Sohag University, Sohag (Egypt), Sohag (Egypt)

## PERSONAL SKILLS

Mother tongue(s) Arabic

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B1	B2
IELTS					
Italian	A2	A2	A2	A2	A2

German	A2	A2	A2	A2	A2
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Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

**Communication skills**

- Excellent written and verbal communication skills
- Confident, articulate, and professional speaking abilities gained through my experience as an assistant lecturer
- Empathic listener and persuasive speaker
- Writing creative or factual
- Speaking in public, to groups, or via electronic media gained through my work and my voluntary experience in social work.
- Excellent presentation and negotiation skills

**Organisational / managerial skills**

- Able to lead others in high-demand situations.
- Ability to work independently or in a team in a fast-paced environment.
- Analyzing situations or data.
- Coordinating activities or events.
- Supervising people or processes.
- Extensive experience in managing teamwork, handling problems, dialogue management.
- Skilled in negotiations and people management

**Job-related skills**

- Professional in the restoration of inorganic and organic materials.
- Excellent experience in materials research and conservation methods.
- Excellent experience in using different techniques for the artificial ageing of the materials.
- Strong instrument examination and analysis skills.
- Aptitude for self-directed learning.
- Very Good in engraving and coloring art in wood, metals, leather, clay, gypsum, stones.
- Works efficiently under pressure.
- Teaching formal or informal.
- Sketching pictures, diagrams.
- Repairing equipment.
- Excellent interpersonal and analytical skills.
- Enjoy working as a team member as well as independently.
- Thrive in a national or international team environment and work well with others.

**Digital skills**

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Independent user	Proficient user	Independent user

**Digital skills - Self-assessment grid**

ICDL
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- Good command of office suite (word processor, spread sheet, presentation software)
- Good command of photo editing software gained as an amateur photographer.
- ICDL trainer at Sohag University Egypt from 2009- 2011.
- E-learning trainer at Sohag University Egypt from 2008-2010

Driving licence B

## ADDITIONAL INFORMATION

## Conferences

- Conference of "Arab archaeologists" 2009 Sohag University, Egypt.
- Conference of The European Corrosion Congress - EUROCORN 11 - 15 September 2016, Montpellier, France.
- Conference of METROLOGY FOR ARCHAEOLOGY AND CULTURAL HERITAGE MetroArchaeo 19 - 21 October 2016 Torino, Italy.
- Instrumentation and Measurement Technology Conference (I2MTC), 2017 IEEE International, Torino, Italy.
- The annual conference of the European Federation of Corrosion, EUROCORN. European Corrosion 2017 joined with 20th international corrosion Congress & Process Safety Congress, 2017, (ICC) International Corrosion Council, 3-7 September 2017, Prague, Czech Republic.
- 6th International Conference on Chemical, Agricultural, Environmental and Biological Sciences (CAEBS-2017).
- X Congresso Nazionale (AIAR) , 14- 17 Feb 2018, Torino, Italy.
- The annual conference of the European Federation of Corrosion, EUROCORN, September, 9-13 2018, ICE Krakow, Poland.
- IEEE International Conference on Metrology for Archaeology and Cultural Heritage, October 22-24, 2018, Cassino, University Campus, Italy.

## Courses and Workshops

- Ways of Scientific Research Traineeship.
- Scientific team management.
- Effective Communication Skills.
- Scientific publisher.
- ERC Proposal development and writing.
- Impact and innovation in Horizon 2020.
- Writing a scientific paper in English.

## Projects

- Participated in the project of the restoration and Conservation of "Mosque of Elmoaid-Sheikh" monument in EL-Moez street, Cairo 2002.
- Participated in the project of organizing the museum of the Faculty of Archaeology, Sohag University, Egypt and preparation for open it to the students and public in 2005.
- A unique project on entrepreneurship & innovation management connecting top talents with cutting-edge technologies to tackle global challenges 2015-2016 (Polito, CERN, SAFM), Italy, Switzerland.
- Amazon innovation award 2017, Politecnico di Torino and University of Torino, Italy.
- Summer school:  
Cultural Heritage in context, Digital technologies for the Humanities ( Digital Nubia), Politecnico di Torino, Italy and UCLA University, USA, 16-22 July 2017.
- Spring School:  
Structural Health Monitoring of Architectural Heritage' Columbia University, USA and Politecnico di Torino, Italy, June 2017.
- Cross-border doctoral Workshop (Polito and Unito (Italy), University of Lyon (France), Association of Universities in Western Switzerland/ CUSO, September 2018.

## Honours and awards

- Master degree Excellent with honours and Bachelor degree very good with Honors.
- Technical Innovation Award in the Competition of the Egyptian universities 2002.

- Award in Football competition 2014 at Sohag University, Egypt.
- Scientific excellence award for students year 2002-2003, at south Vally university, Egypt.
- Scientific excellence award for students year 2003-2004, at south Vally university, Egypt.
- Scientific excellence award for students year 2004-2005, at south Vally university, Egypt

#### Memberships

- Member of the faculty of arts Quality Assurance Unit, Faculty of arts, Sohag University, Egypt.
- Member of the Fine Arts Club of the Egyptian Ministry of Culture, in Sohag Governorate.
- Member of "Culture and development for society" organization, Sohag, Egypt.
- Member of IEEE community ( the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity).
- Member of AIAR ( Italian Archaeometric Society ).
- Member of ICOM ( International Council of Museums ).
- Member of IIC (International Institute for Conservation).

#### Publications

- Assessment of Some Corrosion Inhibitors and protective coatings for the protection of bronze artefacts in 2016.
- Investigations methods to study corrosion of some ancient Islamic copper coins at Faculty of art museum, Sohag University, Egypt, 2016
- Deterioration Aspects of two Bronze artefacts from Mamlukand FatimidPeriods in Egypt.
- Cloud infrastructure for museum environmental monitoring, 2017.
- Study of the corrosion mechanism of ancient bronze coins from the archaeological site of Al -Fustat city, Egypt, 2017.
- Determination of the Level of Organophosphorus Pesticides in Tomato Using GC-MS/MS and the Concentration of Some Heavy Metals Using FAAS, 2017.
- Wireless Sensor Network for Distributed Environmental Monitoring, 2017.
- A sensor network for museum environmental monitoring, 2017.
- In situ EIS measurements on Colombian bronze statues, September 2017.
- The sensing characteristics of ZnO tetrapods synthesized by microwave evaporation, 2018.
- Microstructural and Morphological characterization of ancient bronze coins from the archaeological site of Al-Fustat city, Egypt, 2018.
- Synthesis and Characterization of Nano-Tungsten Oxide Precipitated onto Natural Inorganic Clay for Humidity-Sensing Applications, July 2018.
- Atmospheric corrosion assessment of Cu nanostructured thin film, September 2018.
- The Environmental Monitoring Campaign of the Museum of the Faculty of Archaeology of the Sohag University (Egypt)

#### References

- Prof. Emma Angelini Professor of applied physical chemistry, department of applied science and technology, Politecnico di Torino University, Italy. Email: emma.angelini@polito.it
- Prof. Sabrina Grassini Assistant professor of applied physical chemistry, department of applied science and technology, Politecnico di Torino University, Italy. Email: Sabrina.grassini@polito.it
- Prof. Fatma Mohamed Helmi. Professor of Archaeometry and Conservation of Antiquity, Pre Chairman of Conservation Department, Faculty of Archaeology, Cairo University. Email: dr.fatma25@outlook.com Mobil: +201006469662
- Prof. Dr. Muhammad El-Gohary. Professor of Stones & monumental Buildings Conservation. Chairman of Conservation Department, Faculty of arts – Sohag University. Manger of Archaeological and Conservation studies and Research center (ACSRC), Sohag University. Editor in Chief of Egyptian Journal of Archaeological and Restoration Studies (EJARS). M\_1968\_algohary@yahoo.com Mobil: +20100937171