

RESEARCH DAY

April 26, 2026

Event Overview

Whether you're a bachelor student curious about research or a master student preparing your thesis, this event is designed for you. Research Day walks you through the complete research journey — understanding what research is, learning how to read and navigate papers, discovering how to find a strong research idea, evaluating research systems, and finally writing and publishing your work using modern AI-powered tools. No prior research experience needed — just bring your curiosity.

AGENDA

10:00 ● What is Scientific Research & Why It Matters
Assitant Prof. Alshaima Mustafa

11:00 ● How to Find & Read Research Papers
Assitant Prof. Sara Elhishi

12:00 ● Break

12:30 ● How to Find a Strong Research Idea
Prof. Maha Attia

1:30 ● System Evaluation in Research
Prof. Eid Emary

2:30 ● Writing Your Research & Using AI Tools
Eng. Samy Hamed &
Eng. Ahmed Ibrahim

3:45 ● Closing & Q&A

Confirm your registration to sessions through this link

<https://research.aou.mlsaegypt.org>



Event Program

April 26, 2026



DR/ ALSHAIMA MUSTAFA

ASSISTANT PROFESSOR

Description:

An energetic opening session that sets the foundation for the entire day. We will explore what scientific research actually is, the different types of research (applied vs. fundamental), and the typical research lifecycle from idea to publication. The session will include real examples of student-led research projects to show that research is not only for PhDs – it is something every student can start today. Whether you are a bachelor or master student, you will leave this session understanding why research matters and how it can shape your academic and professional career.

Session What is Scientific Research & Why It Matter

Time April 26, 2026 , 10:00 - 11:00

Location Theater



DR/ SARA ELHISHI

ASSISTANT PROFESSOR

Session How to Find & Read Research Papers

Time April 26, 2026 , 11:00 - 12:00

Location Theater

Description:

One of the biggest challenges for new researchers is knowing where to find papers and how to read them efficiently. This session will introduce you to the major research databases – Google Scholar, IEEE Xplore, Scopus, and others – and teach you practical reading strategies so you never feel lost in a 20-page paper again. You will learn the abstract-first strategy, how to skim effectively, how to identify the key contribution of any paper, and how to understand citations, impact factors, and journal rankings. This session is the essential foundation for the next one – you cannot find a research gap if you cannot read the literature.



DR/ MAHA ATTIA

PROFESSOR

Session How to Find a Strong Research Idea

Time April 26, 2026 , 12:30 - 1:30

Location Theater

Description:

This is the centerpiece of the day. Most students struggle not with writing or tools, but with finding a research idea worth pursuing. This session will teach you systematic methods for discovering research gaps and turning real-world problems into valid research questions. You will learn how to mine the "Future Work" sections of existing papers, how to spot patterns across multiple studies, how to narrow a broad topic into a focused and feasible research question, and how to validate your idea before committing months of work to it. The session includes a hands-on mini-exercise where you will practice brainstorming a research idea using a structured framework taught during the session.



DR/ EID EMARY

PROFESSOR

Session System Evaluation in Research

Time April 26, 2026 , 1:30 - 2:30

Location Theater

Description:

Once you have a research idea, how do you know if your approach actually works? This session covers the critical skill of evaluating systems and experiments in research. Dr. Eid will walk you through how to design proper experiments, choose the right evaluation metrics, set up baselines for comparison, and avoid common pitfalls that weaken research results. Whether your research involves building software systems, machine learning models, or any engineering solution, this session will teach you how to evaluate your work in a way that is rigorous, reproducible, and publishable.



ENG/ SAMY HAMED

NISC RESHERCH CENTER, NU



ENG/ AHMED IBRAHIM

NISC RESHERCH CENTER, NU

Session Writing Your Research & Using AI Tools

Time April 26, 2026 , 2:30 - 3:45

Location Theater

Description:

The final session brings everything together. You will learn how to structure a research paper from scratch – Abstract, Introduction, Related Work, Methodology, Results, and Conclusion – and understand what reviewers look for in each section. The second half of the session is a live demo of modern tools that can accelerate your research workflow: AI assistants like Microsoft Copilot for brainstorming and drafting, reference managers for organizing your sources, and an introduction to LaTeX and Overleaf for professional paper formatting. You will leave this session knowing not just what to write, but how to write it efficiently using the best tools available.

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