

Prof. Dr. Hanan Mustafa Kamal Sabry
Professor of Environmental Design and Control
Department of Architecture – Faculty of Engineering
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Qualifications & Graduation

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| 1996 | Ph.D. Degree in Architecture – Faculty of Engineering – Ain Shams University
Thesis Title: " Natural Lighting as an Important Factor in the Design of Museums in Egypt " |
| 1990 | M.Sc. Degree in Architecture – Faculty of Engineering – Ain Shams University.
Thesis Title: " Natural Lighting in Islamic Architecture – A Comparative Field Study in Some
Halls of Mamelouk and Ottoman Houses in Cairo." |
| 1980 | B.Sc. Architecture – Faculty of Engineering – Ain Shams University |

Employment History/ Academic

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| 2008 – Present | Professor of Environmental Design and Control |
| 2003 – 2008 | Associate Professor |
| 1996 – 2003 | Lecturer |
| 1990 – 1996 | Assistant Lecturer |
| 1980 – 1990 | Tutor |

Professional Career and Research Experience

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| 2008 – Present | Research Project in the area of Integrated Desert Building Technologies: A Collaboration Between King Abdullah University of Science and Technology (KAUST) and The American University in Cairo (AUC): Member of Architectural Aspects Team work/ Daylighting Studies |
| 2003 - 2008 | The Grand Egyptian Museum Project: Member of Technical Committee as Daylighting Consultant |
| 2004 | Three months visiting scholar at The Center for Environmental Design Researches (CEDR) at the University of California in Berkeley, USA |
| 2002 - 2003 | The project of the New Campus of the American University in Cairo: Participation in Daylighting Studies |
| 2000 – 2003 | Participation in Daylighting Studies of Energy Efficiency Residential Building Code (EERBC): Member of Lighting Committee |

Membership in Internal University Boards

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| 2009 – 2010 | Member of the committee presenting ASU as a partner in The Centre for Natural Resources and Development CNRD Network: Cologne University of Applied Sciences CUAS Institute for Technology and Resources Management in the Tropics and Subtropics ITT |
| 2004 – Present | Member of the Environmental Committee |
| 2003 – Present | Member of the Architectural Department Board |
| 2003 – Present | Member of The Examining Committee of several Master Degree and Ph.D Thesis |
| 2006 - 2008 | Member of the organizing committee of the first and second international conference of the department of Architecture and Urban Planning ARUP 2006 - 2008 |
| 2000 - 2003 | Member of the Engineering Consultant Unit – faculty of Engineering – Ain Shams University |

Research Awards

- 2010 Prize for best paper in Renewable Energy 2010 International Conference and Exhibition - Advanced Technology Paths to Global Sustainability - June 27 – July 2, Yokohama, Japan
(Joint Paper)

Publications (Selection)

- 2011 Sabry, H., Sherif, A., & Rakha, T.: DAYLIGHTING EFFICIENCY OF EXTERNAL PERFORATED SOLAR SCREENS: EFFECT OF SCREEN AXIAL ROTATION UNDER CLEAR SKIES. the International Conference on Sustainable Design and Construction Proceedings. Kansas City, the United States of America.
- 2011 Sherif, A., Sabry, H., El-Zafarany, A., Arafa, R., Rakha, T., & Anees, M.: BALANCING THE ENERGY SAVINGS AND DAYLIGHTING PERFORMANCE OF EXTERNAL PERFORATED SOLAR SCREENS. Plea 2011: Architecture & Sustainable Development, (pp. 807-812). Louvain-la-Neuve, Belgium.
- 2010 Sabry, H., Sherif, A., Shawky, S. and Rakha, T.: ASSESSING THE EFFECT OF EXTERNAL OBSTRUCTION PARAMETERS ON INDOOR DAYLIGHTING PERFORMANCE IN DESERT CLEAR SKY CONDITIONS: International Sustainable Development Research Conference , 30 May – 1 June 2010, Hong Kong
- 2010 Sabry, H., Sherif, A., Shawky, S. and Rakha, T.: ASSESSING THE EFFECT OF EXTERNAL OBSTRUCTION PARAMETERS ON INDOOR DAYLIGHTING PERFORMANCE IN DESERT CLEAR SKY CONDITIONS: International Sustainable Development Research Conference , 30 May – 1 June 2010, Hong Kong
- 2010 Sabry, H., Sherif, A., Fikry, A. and Rakha, T.: INTEGRATION OF DAYLIGHTING SIMULATION SOFTWARE IN ARCHITECTURAL EDUCATION: The International Conference on Computing in Civil and Building Engineering - icccbe2010 June 30- July 2, 2010, University of Nottingham, UK
- 2010 Sherif, A., Sabry, H. and Rakha, T.: DAYLIGHTING FOR PRIVACY: EVALUATING EXTERNAL PERFORATED SOLAR SCREENS IN DESERT CLEAR SKY CONDITIONS: Renewable Energy 2010 International Conference and Exhibition - Advanced Technology Paths to Global Sustainability , June 27 – July 2, Yokohama, Japan
- 2008 Sabry, H.: INTEGRATING DAYLIGHTING STRATEGIES INTO THE DESIGN PHASES OF BUILDINGS: ARUP 2008 Conference (2nd International Conference of Architecture and Urban Planning Departments – Faculty of Engineering – Ain Shams University)
- 2006 Sabry, H.: THE IMPACT OF DAYLIGHTING- GUIDING SYSTEMS ON INDOOR NATURAL LIGHT PENETRATION: SIMULATION ANALYSIS FOR LIGHT-SHELVES: 23rd PLEA Conference (Passive Low Energy Architecture) "Design Clever and Affordable Comfort", Geneva, Switzerland
- 2005 Sabry, H. And Faggal, A.: INTEGRATION OF ELECTRIC LIGHTING SYSTEM IN A DAYLIT BUILDING: 22nd PLEA Conference (Passive Low Energy Architecture) " Environmental Sustainability The Challenge of Awareness in Developing Societies" ,Beirut, Lebanon

Teaching Experience

INSTITUTION: Department of Architecture – Faculty of Engineering – Ain Shams University (1980 – Present)

COURSES: Under Graduate Students:

- Architectural Design (1st, 2nd and 4th year)
- Building Construction (1st and 2nd year)
- Daylighting & Environmental Control

- Acoustics in Buildings

INSTITUTIONS: Post Graduate Students: Environmental Design & Energy Conservation
(AUC) The American University in Cairo,(2009)
(MIU) Misr International University (2007)&
(MSA) October University for Modern Sciences & Art (2002 – 2003)

COURSES: Under Graduate Students: - Acoustics & Lighting

Architectural Practice

Participation in the design and working details of the following projects:

2003 Design of Auditoria Complex Building at Elbanat Faculty
2002 The New Offices and Laboratories Building of Energy Planning Organization
1982 - 1985 Residential Buildings in Saudi Arabia
1980 - 1982 Office Buildings, Mosques and Residential Buildings in Egypt and Saudi Arabia
as a part of the design team at The Center of Planning & Arch. Studies (CPAS),
Dr.Abedelbaky Ibrahim

Membership of Professional Organizations and Societies

Member of Syndicate of Engineers and Syndicate- Licensed Consultant

*Prof. Dr. Hanan Mustafa Kamal Sabry
September 2011*