

## Publications in Local & International Conferences

1. Makram Ibrahim, (2015) : Satellite Position Prediction for Satellite Laser Ranging from Helwan-SLR Station, Aerospace Sciences & Aviation Technology, May 26 - 28, 2015, ASAT - 16 – Military Technical College, Cairo, Egypt.
2. Makram Ibrahim, Khalil I. Khalil, and A. T. Roman, ( 2011) : Recent and future operation of Helwan-SLR station, 17th International Workshop on Laser Ranging in Bad Kötzing, Germany, PP. 279- 284.
3. Makram Ibrahim,( 2011) : Studies on system stability and calibrations of H-SLR station, 17th International Workshop on Laser Ranging in Bad Kötzing, Germany, PP. 121- 126.
4. J. Blazej, I. Prochazka, A. Nnovotny, P. Matlas, Makram Ibrahim, K. I. Khalil, (2009) : The First Year of Operation with Consolidated Prediction Format at Satellite Laser Ranging Station Helwan. In Proceedings of Workshop 2009, Czech Technical University in Prague, PP. 166 - 167.
5. S.W. Samwel, A.A. Hady, J.S. Mikhail, Makram Ibrahim, Y.S. Hanna, (2008) : Assessment of GaAs, InP, and GaInP/GaAs/Ge solar cells performance in different radiation environments, Proceeding of the First Middle East-Africa, Regional IAU Meeting, pp 201-203.
6. S.W. Samwel, A.A. Hady, J.S. Mikhail, Makram Ibrahim, Y.S. Hanna, (2008) : Studying the Total Ionizing Dose and Displacement Damage Dose effects for various orbital trajectories, Proceeding of the First Middle East-Africa, Regional IAU Meeting, pp 55-58.
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10. S.W.Samwel, Yousry S. Hanna, Makram Ibrahim and G. Fahim, (2002): An application of spline techniques for fitting Helwan-SLR data. Proceedings of the 1<sup>st</sup> International conference on engineering Mathematics and Physics (EMP), May. 14-16, 2002, Military Technical College Cairo, Egypt pp. 80-88.
11. Makram Ibrahim, G. Fahim, and A. S. Gerges , (2002): Unconventional laser speckles observed at the Fraunhofer diffraction plane. Proceedings of the 1<sup>st</sup> International conference on Engineering Mathematics and Physics (EMP), May. 14-16, 2002, Military Technical College Cairo, Egypt pp. 252-261.
12. M. Y. Tawadrous, Makram Ibrahim, Y. E. Helali, M. Elsaftawy, G. Fahim and Y. S. Hanna, (2000): The developing techniques of the Helwan SLR station (2000). the 12<sup>th</sup> International Workshop on Laser Ranging Matera , Italy. 13-17 November 2000.
13. J. Uozumi, K. Tsujino, E. Miyasaka and Makram Ibrahim, (1999): Fractal speckles in diffraction regions and image plane. Proc. SPIE 3749, 18<sup>th</sup> Congress of the International Commission for optics, San Francisco, California USA, pp 322-323; doi:10.1117/12.354767
14. Makram Ibrahim, Jun Uozumi and Toshimitsu Asakura, (1998): Longitudinal correlation property of fractal speckle fields. Extended Abstracts (the 45th Spring Meetings, 1998); The Japan Society of Applied Physics and related societies.
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18. Makram Ibrahim, Jun Uozumi and Toshimitsu Asakura, (1996): Longitudinal correlation properties of speckles produced by diffusers with ring-slit illumination. Japan Optics'96.
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