



ACAG-7 Conference Agenda

OCTOBER 11 • MONDAY (Day 1)

Time	Activity	Venue
8:00am – 10:00am	ACAG 7 Registration	NRIAG Main Conference Hall Entrance
10:00am – 12:00pm	ACAG 7 Opening Ceremony	NRIAG Main Conference Hall
12:00pm – 12:30pm	Coffee Break	NRIAG Main Conference Dining Area
12:20pm – 12:30pm	Group Photo	NRIAG Main Conference Hall
12:30pm – 2:00pm	Dr. Asia Harbi Session <ul style="list-style-type: none"> Comprehensive Analysis of Macroseismic and Tectonic Data for Assessment of Parameters of Historical Earthquakes in Central Asia, by Ruben Tatevossian Historical Seismicity in and Around the Eastern Mediterranean Region From Arab Sources , by Salah Elhadidy yousef The IGCP-659 Project Seismic Hazard And Risk In Africa:A Hidden Hazard In An Extreme Vulnerable Context, By Mustapha Meghraoui Scenario-Based Earthquake And Tsunami Hazard Assessment In The Mediterranean Region, By Antonella Peresan Pushover Analysis For Seismic Risk Assessment And Damage Prediction: Case Of Imzouren And Al Hoceima (North Of Morocco), By Seif-Eddine CHERIF Contribution To Site Response Analysis In Nador City (Northeast Of Morocco), By Chaaraoui 	NRIAG Main Conference Hall
12:30pm – 1:15pm	Keynote Speaker (Massimo Capaccioli)	Medour Conference Hall
1:15pm – 2:00pm	Keynote Speaker (Mohamed Sultan)	Medour Conference Hall
2:00pm – 3:00pm	Lunch	NRIAG Main Conference Dining Area



OCTOBER 11 • MONDAY (Day 1)

Time	Activity	Venue
3:00pm – 5:00pm	<p>Oral Seismology (1)</p> <ul style="list-style-type: none"> • Near-Surface Geophysics For Characterizing And Monitoring Natural Hazards • Lithospheric Structure Of The Eastern Mediterranean Sea: Inferences From Stochastic Surface Wave Inversion Constrained By Wide Angle Refraction Measurements • Earthquake Hazard And Sensitivity Analysis For Residential Cities In Kuwait • Evaluation Of Seismo-Acoustic Hazards From Cement Quarry Blasts On The New Administrative Capital, Egypt • Natural Earthquakes Or Quarry Blasts: Waveform Discrimination Analysis Of Events Occurred In Southern Saudi Arabia • Analysis of the Seismic Source Parameters of the April 2020 Matruh Earthquake, the Northernmost Western Desert, Egypt. • Thermal Aspects Associated With The 16th June 2020, Mw=5.2, Earthquake, Northern Red Sea Region. • The Unique Earthquake (ML 3.5) Of The Central Delta, Egypt And Its Tectonic Implications 	NRIAG Main Conference Hall
3:00pm – 5:00pm	<p>Oral Astronomy (1)</p> <ul style="list-style-type: none"> • Photographic And Photoelectric Observations Of The Helical Rising Of Sirius • Towards An Expanding Look On The Universe • Light Curve Analysis For Three Eccentric Variable Stars From Kepler • Light Curve Analysis For The Three Eccentric Variable Stars EM Cet, OGLE 46493, And USNO 1425-12617201 • Conformable Fractional Isothermal Gas Spheres • Kinematics And Ellipsoidal Motion Of The Mid-To-Late M (Red Dwarfs) Within Solar Neighborhood To ~ 0.70 Kpc • Spectroscopic Determination Of The Fundamental Parameters Of Field B-Stars From The NOAO Indo- U.S. Library 	Medour Conference Hall



OCTOBER 11 • MONDAY (Day 1)

Time	Activity	Venue
3:00pm – 5:00pm	<p>E-Poster Environmental Geophysics</p> <ul style="list-style-type: none"> • Assessment Of The Near-Surface Soil Characteristics At The Egyptian Solar Plant Site, Aswan, Egypt • Structural Interpretation And Hydrocarbon Potential Of Badr El Din-3 And Badr El Din-15 Oil Fields, Abu Gharadig Basin, North Of Western Desert, Egypt • Delineating Active Fault Structures Causing Earthquakes At The Eastern Part Of Cairo – Egypt, Using Magnetic, Magnetotelluric And Seismological Data • Estimated The Basement Depth And Evaluate The Subsurface Structures Of The Farafra Oasis, Western Desert, Egypt, Using Aeromagnetic Data. • Subsurface Characterization Using Seismic Refraction Method of Wadi El- Nakhil Area, Eastern Desert, Egypt. • Evaluation of Severe Sinkholes and Caves Detection Applying GPR Measurements. • Site Effect Estimation Using Microtremor Measurements At New Luxor City Proposed Site, South Egypt. • Towards The Establishment Of A Legal Scientific Mechanism That Regulates The Construction Of Mega And Strategic Buildings And New Cities In Egypt. Evaluated From The Integrated Work Of Geophysics, Geotechnical, Soil Mechanics And Quality Control Tests . • Crustal Structure Of The Nile Delta Based On Seismic-Constrained Gravity Inversion Interpretations • Near Surface Assessment Of New Capital City Using Geophysical Techniques • The Distribution Process Of Traffic Contamination On Roadside Surface Revealed By Magnetic Monitoring: A Case Study From Cairo, Egypt 	NRIAG Main Conference Dining Area
3:00pm – 5:00pm	<p>E-Poster Space Dynamics And Technology</p> <ul style="list-style-type: none"> • Single Event Upset Estimation For Smallsats Cots Components • Effect Of The Spectral Variations On The Performance Of Silicon Solar Cells Operating Under Real Climatic Conditions • Using Laser Pressure To Control The Effect Of Solar Radiation Pressure A Spacecraft's Orbit • Calculation Of Orbital Perturbations For A Circular Orbiting Satellite 	NRIAG Main Conference Dining Area



OCTOBER 11 • MONDAY (Day 1)

Time	Activity	Venue
	<ul style="list-style-type: none"> • DFT:B3LYP/LANL2DZ Study For Polyvinylchloride Enhanced With Metal Oxides/Gqds Applied As Anti-Reflection Coating For Solar Cell • Electronic Properties Study Of Polyethylene Oxide/Metal Oxides Nanocomposite Reinforced With Gqds As Optoelectronic Application • Investigation Of The D.C. Electrical Conductivity And Magnetic Properties Of Nanometric Samarium-Doped Lanthanum Ferrite Prepared By Solid State Reaction • AC Conductivity And Magnetic Properties Of Bi₂O₃-MnO₂ Prepared By Mechanochemical Method 	
3:00pm – 5:00pm	<p>E-Poster Solar Physics And Solar Radiation</p> <ul style="list-style-type: none"> • The Cloud Cover Fluctuations And Its Effect Of Erythema Ultraviolet • RAF Of Ground UV Index, Case Study: Helwan, Egypt • HCME's And Solar Flux F10.6 Impact On Cloud Cover For Sc23: Case Study Africa • Determining The True Dawn By Several Different Ways In Egypt • Evaluation Of The ERA5 Reanalysis Surface Data Of Solar Energy Over North Africa Based On Surface Observations • Statistical Study Of Confined And Ejective Filaments/Prominences Eruptions • Signatures Of Solar Event Along The Europe –African GPS-Chain Cross The North Crest Equatorial Anomaly • Verification Of Nequick Model Over Alexandria-Egypt GPS-Stations During Solar Cycle 23 • Correlation Between Space Weather Event Parameters Over The Solar Cycle 23 & 24 • The Coronal Hole Influence Parameter (CHIP) As An Important Parameter For Developing The Geomagnetic Storm Prediction Models • Study Of The Correlation Between The Causes Of Filament Eruptions And Geomagnetic Storms 	NRIAG Main Conference Dining Area



OCTOBER 12 • TUESDAY (Day 2)

Time	Activity	Venue
9:30am – 10:30am	Keynote Speaker (Harald Schuh)	NRIAG Main Conference Hall
9:30am – 10:30am	Keynote Speaker (David Valls-Gabaud)	Medour Conference Hall
9:30am – 10:30am	Keynote Speaker (Sultana Nahar) V	Rashad kebeasy Hall
9:30am – 10:30am	Renewable Energy for Challenges and Opportunities in MENA Region (RECO 4) session (1) <ul style="list-style-type: none"> • Nanofluid enabled solar thermal concentrators, by Prof. Harjit Singh, Brunel University London, UK • Solar Energy Advanced Applications, by Prof. Ebrahim Esmail, Renewable Energy dept., Zewail City • Solar energy concentrators: Types and Classification, NONSTOP project case study, by Prof. Mohamed M. Sabry, Saudi Arabia (KSA) 	Faheem Hall
10:30am – 11:00am	Coffee Break	NRIAG Main Conference Dining Area
11:00am – 1:00pm	Oral Geodesy and Geodynamics (1) <ul style="list-style-type: none"> • Improved Recovery Of The Earth's Gravity Field Using Spatio-Temporal Polar-Inclined Satellites Architecture • Comparison Of Gaussian And Decorrelation Filters Of GRACE-Based Temporal Gravity Solutions Over Egypt • An Up-To-Date Mapping For The Movement And The Deformation Of The Sinai Micro-Plate From A Combined GPS Velocity Field • A Reliable Gravity Tidal Model For Lake Nasser Region (Egypt) • Innovative Developed Standalone Complete System Includes Dual-Frequency Cost-Effective GNSS With Geodetic Precision • Preliminary Hazard Assessment Of Qaitbay Citadel Using A Non-Destructive Technique (Insar) • Recent Study Of Crustal Deformation Of Nile Delta Using GNSS Data 	NRIAG Main Conference Hall



OCTOBER 12 • TUESDAY (Day 2)

Time	Activity	Venue
11:00am – 1:00pm	<p>Oral Astronomy (2)</p> <ul style="list-style-type: none"> • On The Association Between Hydroxyl And Methanol Astronomical Masers Toward Massive Star Forming Regions. • Galex Observation Of The Nep Field: Sources Catalogs And Galaxies Number Counts • Astronomy Development In Sudan Opportunities And Challenges • One Code For Different Modes And Big Data Of Pca/Rxte • Determination Of The Date Of Building Of Ancient Egyptian Temples And Pyramids Through The Archeological Texts And Astrological Determinants • Automation and Implementation of a Remote Robotic Telescope System for the 14 Inch Telescope Observatory. • Preliminary The Best Site To Building Along Optical Telescope In Egypt • Application Of Fuzzy Logic On Astronomical Images Focus Measure 	Medour Conference Hall
11:00am – 1:00pm	<p>Coordinators' Meeting on Belt and Road Seismic Risk Reduction Session (1)</p> <ul style="list-style-type: none"> • The B&R meeting opening speech form the CEA and NRIAG • A keynote speaker CEA • Countries reports in the BRI 	Rashad kebeasy Hall
11:00am – 1:00pm	<p>Renewable Energy for Challenges and Opportunities in MENA Region (RECO 4) session (2)</p> <ul style="list-style-type: none"> • Improved empirical modeling for PV output power estimation of various photovoltaic technologies in arid desert regions, by Nadjem Bailek, Algeria • V-Trough Optimization for a Multipurpose Integrated Solar Energy Project in Helwan of Egypt, by Yasser A Abdel-Hadi • Advances in Microinverters utilized in Photovoltaic Systems, by Mohamed Orabi, Aswan Univirsity 	Faheem Hall



OCTOBER 12 • TUESDAY (Day 2)

Time	Activity	Venue
	<ul style="list-style-type: none"> • Addressing the Challenges of Photon Up-Conversion Based on Sensitized Triplet-Triplet Annihilation in Dye-sensitized Solar Cells Applications ,by Sameh Hamzawy • Physical Properties and Efficiency of Polymer-Based Solar Cells Treated by Plasma Techniques,by M. Abdelhamid Shahat • Assessment of earthquake hazard and risk mitigation at the solar photovoltaic plant site, Aswan, Egypt, by Abdelnasser Mohamed • The Study of Geothermal Energy Resources in Abu Gharadig Basin, North Western Desert, Egypt Using Geophysical, Geological and Well Logs Data, by Ahmed Elmasry • Dynamic Modeling & Allocation of Controlled Geothermal Power Plant on The Distribution Network Using Artificial Intelligence, by Nancy Azazy 	
1:00pm – 2:00pm	Lunch	NRIAG Main Conference Dining Area
2:00pm – 4:00pm	<p>Oral Solar And Space Science (1)</p> <ul style="list-style-type: none"> • Study Of The Low Latitude Plasma Bubbles Irregularities Climatology Using SWARM Satellite A-Alpha • A Verification Of The Preliminary Forecasting Of The Strength Of The 25th Of 11-Year Solar Cycle • Flux Rope Reformation As A Model For Homologous Solar Flares And Coronal Mass Ejections • Empirical Study Of Solar Activity Indicators, Halo CME And North Atlantic Oscillations For The 22nd & 23rd Solar Cycles • Statistical Study Of The Solar Energetic Electron Events During Solar Cycles 23 & 24 Based On ACE/EPAM Catalog • New Space Weather Catalog Of Radio Emission Signatures In Solar Cycles 23 And 24 • Studies On Local Ionosphere Using Ionosonde Observations Data: Plans Of Space Weather Observations In Sudan 	NRIAG Main Conference Hall



OCTOBER 12 • TUESDAY (Day 2)

Time	Activity	Venue
	<ul style="list-style-type: none"> Stream Interaction Region And Interplanetary Coronal Mass Ejections: Two Case Studies 	
2:00pm – 4:00pm	<p>Geodynamics of Artificial Reservoirs (GAR) Workshop</p> <ul style="list-style-type: none"> The Significance of Aswan Reservoir in the Study of Triggered Earthquakes, by David W. Simpson Geodynamics of Lake Nasser, by Khaled H. Zahran Indication of reservoir induced seismicity in Roseries Lake, Sudan , by Mohamed ElGabry Evaluation of Grand Ethiopian Dam Lake Using Remote Sensing Data and GIS, by Asem Salama GERD Failure Analysis and the Impacts on Downstream Countries , by Hesham Bekhit 	Medour Conference Hall
2:00pm – 4:00pm	<p>Oral Archaeogeophysics</p> <ul style="list-style-type: none"> Mapping Of the Subsurface Water Impact on Hawara Pyramid Applying Vertical Electrical Sounding (VES) and Time Domain Electromagnetic Measurements. Seismic Hazard Evaluation For Some Selected Pharaonic Temples Sites, South Of Egypt. Shallow Offshore Seabottom Geotechnical Modeling Using One Channel Acoustic Streamer At Kuala Sanglang, Perlis, Peninsular Malaysia Assessment Of GPR Data Towards Objective Definition, Merged Inputs Of Real And Synthetic Parameters Into The Processing Flow Ground Penetrating Radar (GPR) Reflections And Their Archaeological Significances On Two Ancient Necropolis Tombs, Kharga Oasis, Egypt Tracing Archaeological Features Using Gpr In Saqqara, Egypt Geophysical And Geoarchaeological Investigations Of Giza's Pharaonic Harbour Environments Integration of GPR and Magnetic Techniques to Investigate the Remains Near the Pyramid of Amenemhat III in Dahshour Area, Giza, Egypt. 	Rashad kebeasy Hall



OCTOBER 12 • TUESDAY (Day 2)

Time	Activity	Venue
2:00pm – 4:00pm	<p>E-poster Seismology (1)</p> <ul style="list-style-type: none"> • Moho Undulations And High Poisson's Ratio Beneath Volcanic Areas, West Of Saudi Arabia: Indication Of Asymmetric Lithospheric Uplift • Estimation of Empirical Relations of Extended Local Magnitude Scales in Egypt. • Deep Learning Seismic Data Compression Using Convolutional Autoencoders • Seismicity Study Of New Seismic Sources In Saudi Arabia • Source Characterization And Ground Motion Simulation Of Significant Earthquakes In Aswan Area, Egypt • IMS Infrasound Detections From Meteor Events In 2019 • Site Specific Seismic Hazard For New Mallawy, Minia, Egypt • Evidences Of Reservoir Induced Seismicity And The Seismicity Behavior In Lake Nasser Aswan, Egypt • Probabilistic Seismic Hazard Assessment In Ras Gharib, Egypt • Abu-Dabbab Temporary Seismic Network, Eastern Desert, Egypt: Installation And Characterization • Estimation Of Local Magnitude Equation For Southern Egypt 	NRIAG Main Conference Dining Area
2:00pm – 4:00pm	<p>E-Poster Water Resources</p> <ul style="list-style-type: none"> • Ground Water Exploration Using Geophysical Data Analysis At Wadi Queih, Eastern Desert Of Egypt • Simulating The Impacts Of Groundwater Pumping On Pleistocene Aquifer Dynamics And Remediation Techniques In Cairo-Ismailia District • Evaluation Of Groundwater Storage Capacity In Nubian Sandstone Aquifer In South Western Desert Of Egypt Applying Satellite Observation Data • Geophysical Applications For Under Groundwater Exploration: Case Study Around Nuweiba Area, Sinai, Egypt • "Groundwater Exploration Using Remote Sensing And Geophysical Data; A Case Study From Wadi Qena, Egypt" • Groundwater Investigation Using Electrical Resistivity Method At New Borg El-Arab City, Alexandria, Egypt 	NRIAG Main Conference Dining Area



OCTOBER 12 • TUESDAY (Day 2)

Time	Activity	Venue
	<ul style="list-style-type: none"> Reservoir Characterization Of Alam El Bueib And Khatatba Formations, Faghur Basin, North Western Desert, Egypt 	
2:00pm – 4:00pm	<p>E-poster Astronomy (1)</p> <ul style="list-style-type: none"> Relativistic Dynamics and Structure Formation in a Matter-Dominated Friedmann Universe Gas Mass Study In A Sample Of The XMM-Newton Cluster Archive Super Survey (X-CLASS) The X-Ray Spectral Variability Of The BL Lacertae Type Object PKS 0558-504 A Comprehensive Study Of Quasars Via 3XMM-DR7/SDSS-DR12 Catalogues A Hybrid Genetic-Fuzzy Controller For A 14-Inches Astronomical Telescope Tracking Narrow-Band Photometry Of Long Period Comets With TRAPPIST Telescopes In 2019-2020 The Light Curve Analysis Of EL Cen Eclipsing Binary System Orbital Elements Determination Of Some Asteroids Observed By MOSS Telescope Open Clusters With Proper Motions Fully Separated From The Field Stars Using Gaia DR2 	NRIAG Main Conference Dining Area
2:00pm – 4:00pm	<p>Renewable Energy for Challenges and Opportunities in MENA Region (RECO 4) session (3)</p> <ul style="list-style-type: none"> Overview on the NONSTOP project, by Ahmed Ghitas Accumulated dust and shadowing location affecting on the solar module performance of the NONSTOP project, by Ahmed Abulwafa Spectral variations affecting on the performance of the solar cells due to climatic change ,by Heba Zenhom 	Faheem Hall



OCTOBER 13 • WEDNESDAY (Day 3)

Time	Activity	Venue
9:30am – 10:30am	Keynote Speaker (Zouhair Benkhaldoun)	NRIAG Main Conference Hall
9:30am – 10:30am	Keynote Speaker (Jan Marlina)	Medour Conference Hall
10:30am – 11:00am	Coffee Break	NRIAG Main Conference Dining Area
11:00am – 1:00pm	Oral Seismology (2) <ul style="list-style-type: none"> • Simulating Extraordinary Geophysical Events: Earthquake Shake • Velocity Structure Of The Uppermost Mantle Beneath The Tanzanian Craton And The Surrounding Proterozoic Mobile Belts From Pn Tomography • Machine-Learning Discrimination Of Earthquakes And Quarry Blasts In The Northeastern Region Of Egypt • Manufacture Of The Prototype Of A Triggered Digitizer For Earthquake Monitoring System • Leo Satellite Magnetic Data For Earthquake Precursor • Seismicity Study Of Umm-Lajj, Western Of Saudi Arabia: Possibility Of Spreading Dykes And Linkage With Similar Regional Areas • On The Development Of A Seismic Source Zonation Model For Seismic Hazard Assessment In Western Saudi Arabia • Moment Tensors Inversion Of Recent Earthquakes In Southern Saudi Arabia: Indication Of Local And Regional Stresses 	NRIAG Main Conference Hall
11:00am – 1:00pm	Oral Solar And Space Science (2) <ul style="list-style-type: none"> • Nonlinear Relative Motion Satellites • Orbit Predictions For Space Object Tracked By Ground-Based Optical And SLR Stations 	Medour Conference Hall



OCTOBER 13 • WEDNESDAY (Day 3)

Time	Activity	Venue
	<ul style="list-style-type: none"> • A Device For Monitoring And Warning The Safety Of Living Organisms, The Level Of Exposure To Solar Ultraviolet Rays • UV Irradiance Responses For Changes Over The 11-Year Solar Activity Cycle • Sun Vertical Depressions And There Effects On The Morning Twilight Phases In Egypt • Factors Affecting The Visibility Of The New Crescent And How It Relates To The Crescent Lag At Sunset • PV System Distribution Of Solar Radiation In High-Energy Intensive Areas Of The World Over Egypt • Investigation Of The Laser Irradiation Effects On The Electrical Properties Of Zno Varistor Doped With Cuo • Light Emitting Copper Halide Perovskite Powder Via Mechanochemical Synthesis 	
11:00am – 1:00pm	<p>Oral Water Resources</p> <ul style="list-style-type: none"> • GRACE: A Tool For A Better Understanding Of Aquifer Sources, Connectivity, Groundwater Flow, Sustainability, And Response To Climate Variability • Mapping Shallow Groundwater Locations In Western Desert Using Multi-Sensor Remote Sensing Dataset And Machine Learning • Analytical Method For Determining The Aquifer Parameters Of Nas At The Farafra Oasis, Western Desert, Egypt • Investigation Of Groundwater Potentiality At Abu Zeneima Area-South West Sinai By DC Resistivity And Transient Electromagnetic Methods • Application of Integrated Geophysical Methods to Evaluate the Underground Water Resources at West El-Minya Governorate, Egypt. • An Integrated Geoinformatics And Hydrogeophysical Approach To Assess And Characterize The Alluvial Aquifer Of Wadi Dawqah, Southwestern Saudi Arabia • Geo-Electrical Assessment for Groundwater Resources over Gidan-Doya Basement Area, Central Nigeria. 	Rashad kebeasy Hall



OCTOBER 13 • WEDNESDAY (Day 3)

Time	Activity	Venue
11:00am – 1:00pm	<p>Coordinators' Meeting on Belt and Road Seismic Risk Reduction Session (2)</p> <ul style="list-style-type: none"> • Open discussion between BRI countries coordinators • Conclusions ,Recommendations and future work • The closing ceremony speech form the CEA and NRIAG 	Meeting Room
1:00pm – 2:00pm	Lunch	NRIAG Main Conference Dining Area
2:00pm – 4:00pm	<p>Oral Environmental and Engineering</p> <ul style="list-style-type: none"> • Groundwater Investigation In Hijaz Mountains: Inference From Gravity And Electrical Methods, At Wadi Sar, Saudi Arabia • A Practical 3D ERT Surveys To Investigate The Pylon's Foundations And Characterize The Subsoil Beneath The Temoh Power Station, Perak, Malaysia. • DC Resistivity And Seismic Refraction Define Surface Ruptures In Tropical Soils - A Case Study Of La Bonita, Antioquia, Colombia. • Utilizing Magnetic Proxy Tool In Heavy Metal Pollution Assessment In Abu Zaabal Area, SE Nile Delta • The Study Of Geothermal Energy Resources In Abu Gharadig Basin, North Western Desert, Egypt Using Geophysical, Geological And Well Logs Data • Local Geoid Model For Geothermal Evaluation, Oases Region, Western Desert, Egypt • Structural Modeling At Sungkai Hot Spring Using Integrated Geophysical Methods • Detection and Delineation of a Buried Landfill by Integrating Of Historical Analysis of Satellite Images and Electrical Resistivity Tomography (ERT) Measurements at East Cairo, Egypt. 	NRIAG Main Conference Hall
2:00pm – 4:00pm	<p>E-poster Seismology (2)</p> <ul style="list-style-type: none"> • 3-D Isotropic And Radially Anisotropic Shear-Wave Velocity Model Of Crust Beneath Oman Mountains From Ambient Noise Tomography • Stability Of Rock Slopes Along Tabouk Escarpment Road, Tabouk Region, KSA • Probabilistic Seismic Hazard Assessment For The Southern Arabian Gulf Countries Using Multiple Seismic Source Models 	NRIAG Main Conference Dining Area



OCTOBER 13 • WEDNESDAY (Day 3)

Time	Activity	Venue
	<ul style="list-style-type: none"> • Coherent P-Wave Picking For Earthquake Early Warning • Shear Wave Velocity Model Of Aswan, Egypt, Using Ambient Seismic Noise Tomography • Relationship Between Precursory Signals And Their Associated Earthquakes Using Various Spectrum Analysis Techniques • Quality Control And Assessment Noise Levels Detequality Control And Assessment Noise Levels Detection For Aswan Sub-Network Of The Egyptian National Seismic Network (ENSN)Ction For Aswan Sub-Network Of The Egyptian National Seismic Network (ENSN) • Attenuation Of The P And S Waves In Aswan Area, Egypt • Egyptian Strong Motion Network, History And Status Development • A Stress Release Model In Egypt • Tsunami Inundation Modeling For Alexandria City, A Long Strech Of Egyptian Coast • The Petroleum System Of The Onshore Otumara Oil Field, Niger Delta 	
2:00pm – 4:00pm	<p>E-poster Geodynamics</p> <ul style="list-style-type: none"> • Egyptian Permanent GNSS Network (EPGN): Current State, Development And Future Perspective • Comparison Between GPS Radio Occultation And Radiosonde Atmosphere Profiles In Egypt • Present-Day Crustal Strain And Stress Fields Of Egypt • 3D Documentation And Preservation Cultural Heritage Of Moheeb El-Din Abu El-Tayeb Hall, El-Kadi House Using Terrestrial Laser Scanning • Preserving And Documenting The Cultural Heritage Of Abu Simbel Temple Using Terrestrial Laser Scanner • Earth Tide Observations And Influences Of Variable Load Of Lake Nasser 	NRIAG Main Conference Dining Area



OCTOBER 13 • WEDNESDAY (Day 3)

Time	Activity	Venue
	<ul style="list-style-type: none"> • Utilisation Of GNSS And Seismicity For Monitoring Crustal Deformation Of The Northern Part Of The Nile Delta, Egypt • Active Crustal Deformation And Velocity Field Within And Around The Neogene Mitidja Basin (Tell- Atlas, Algeria) From GPS Measurements • Earthquake Recurrence Estimation Of Dahshour Area, Cairo, Egypt, Using Earthquake And GPS Data 	
2:00pm – 4:00pm	<p>E-poster Astronomy (2)</p> <ul style="list-style-type: none"> • Photometric Study Of New Discovery Delta Scuti Star, ASAS J063309+1810.8 • Seasonal Variation Of The Atmospheric Extinction Coefficients In UBVRI At The Indian Astronomical Observatory • X-Ray Study For The Eclipsing Cataclysmic Binary System QS Vir • The Physical Characteristics Based On The Photometric Study Of Two Eclipsing Binary Systems KIC 5685072 And KIC 10267044 • "New Assumption" In This Vast Universe, We Could Say That The Human Beings With His Well-Known Characteristics On The Surface Of The Earth, Is The Dominant And Honored Race In All Kingdoms And Universes. And If Others Seem To Be, They Should Be Of Another Race And Composition, And Follow A Tight System And Do Not Have The Initiative For Themselves 	NRIAG Main Conference Dining Area
2:00pm – 3:30pm	<p>Search For Potential Astronomical Sites In The MENA Region Workshop , by Zouhair Benkhaldoun</p>	Rashad kebeasy Hall
3:30pm – 5:00pm	<p>Egyptian Large Optical Telescope (ELOT) Workshop</p> <ul style="list-style-type: none"> • Importance of ELOT for astronomical Community, by Prof. Ashraf Shaker • Progress of Egyptian Large Optical Telescope Project, by Prof. Hadia Selim • Site Selection and Testing for the Egyptian Large Optical Telescope , by Prof. Ali Takey • Results of Sites Selection for ELOT Based on Meteorological Conditions , by Dr. Sayed Mekhemer • Models of Large Telescopes , by Dr. Ahmed Shokry 	Rashad kebeasy Hall



OCTOBER 14 • THURSDAY (Day 4)

Time	Activity	Venue
9:30am – 10:30am	Keynote Speaker (Clarck Wilson)	Medour Conference Hall
9:30am – 10:30am	Keynote Speaker (Sebastian Els)	Rashad kebeasy Hall
10:30am – 11:00am	Coffee Break	NRIAG Main Conference Dining Area
11:00am – 11:30am	Keynote speaker (Devraj Pawar)	Medour Conference Hall
11:30am – 1:00pm	Oral Astronomy (3) <ul style="list-style-type: none"> • Unusual Dynamics In A Clumpy Torus Of Active Galactic Nuclei • The Strength of Field Equations as Indicator of Viability of Field Theories • Isolated Hybrid Microgrid System Comprises Kottamia Astronomy Observatory For Acheiving Optimal Power And Frequency Control • X-Ray Flux And Spectral Variability Of BI Lacertae Objectsmrk 421, Mrk 501, And 1es1426+428 With Suzaku Satellite • Diagnostic Diagrams To Show The Dichotomy Between X-Ray Binaries (Neutron Stars & Blackholes) In Low Mass Regime • Galaxy Cluster Sample From The 4XMM Catalog • Photometric And Spectroscopic Observations Of Type IIP Supernova SN2011az 	Medour Conference Hall
11:00am – 1:00pm	Oral Potential <ul style="list-style-type: none"> • Hybrid Gravimetry As A Tool To Monitor Geothermal Reservoirs And Volcanos • A Tecnique For The Full Automation Of Euler Deconvolution Equation For The Interpretation Of Magnetic Data • Drift Behavior From Relative Scintrex CG-5 Autograv And The Superconducting Igrav-043 Gravimeters • A One-Year Prediction Of The Geomagnetic Secular Variations Using The Method Singular Spectrum Analysis 	Rashad kebeasy Hall



OCTOBER 14 • THURSDAY (Day 4)

Time	Activity	Venue
	<ul style="list-style-type: none"> • Structural Mapping Insight From Gravity Data For Hydrocarbon Accumulation In Some Parts Of The Sokoto Basin NW, Nigeria • Integrated Geophysical Investigations For Local Structure And Mineral Prospecting At Wadi El Abiad, Shalaten Province, South Eastern Desert, Egypt. • Aeromagnetic Study of the Northwest of Algeria: Evidences of Active Faults and Underground Structure. • Nuclear Magnetic Resonance Investigation Around Qarun Protected Area-Egypt: Environmental Impacts. 	
11:00am – 1:00pm	<p>Oral Geodynamics (2)</p> <ul style="list-style-type: none"> • The Investigation Of Geodynamics Parameters In The South Of Egypt Using Geodetic Measurements And Earthquake Activities • Monitoring The Nile Delta Land Subsidence And Sea Level Changes Along The Mediterranean Coast • GNSS-RO LEO Satellite Orbit Optimization For Egypt And The Middle East Region • Comparison Of Precipitable Water Vapor From GPS And WRF Model: A Case Study For Two Different Egyptian Sites • Space Weather Effects On Communication And Satellite Signals Over Cairo International Airport • High Intensity Long Duration Continuous Auroral Electrojet Activity: A Case Study • Statistical Validation Of GNSS Radio Occultation Data Over Egypt • Present-Day Kinematics For High Dam Region, Egypt 	Faheem Hall
1:00pm – 2:00pm	Lunch	NRIAG Main Conference Dining Area
2:00pm – 3:00pm	ACAG 7 Closing Ceremony	NRIAG Main Conference Hall