



CATANIA | Monastero dei Benedettini
AGRIGENTO | Parco Archeologico della Valle dei Templi
LICATA | Museo della Badia

PROGRAMME

November 12 (TUESDAY) | University of Catania

- 8.15 - 9.15 : Accreditations and registrations
- 9.15 - 10.15 : Authorities greetings:
 - Prof. Francesco PRIOLO, Rector of the Università degli Studi di Catania (UniCT)
 - Prof. Marina PAINO, DiSUM-UniCT Director
 - Prof. Matteo IGNACCOLO, DICAR-UniCT Director
 - Prof. Daniele MALFITANA, SSC President
 - Dr. Giuseppe Cutispoto, INAF-OACT interim Director
 - Prof. Rita GAUTSCHY, SEAC President
 - Dr. Andrea ORLANDO, IAS President, SEAC2024 Chair
 - Prof. Sebastiano D'URSO, UniCT, SEAC2024 Co-Chair

Session I (S1) : ARCHEOASTRONOMY AND SKYSCAPE IN PREHISTORIC GREAT BRITAIN AND NORTHERN EUROPE (chair *Giulio Magli*)

- **10.15 - 11.00 : RUGGLES Clive: "STONEHENGE: SIGHTING THE SUN AND MOON(?)"**
(by invitation)
- **11.00 - 11.30 : coffee break** (FOYER DEL CORO DI NOTTE)
- 11.30 - 11.55 : CAMPION Nicholas: SYMBOLS AND STONES: EXPLORING THEORY AND MEANING OF NEOLITHIC ASTRONOMY
- 11.55 - 12.20 : ZOTTI Georg *et al.*: SKYSCAPES OF CALLANISH I: A VIRTUAL EXPERIENCE
- 12.20 - 12.45 : RIDDERSTAD Marianna: ORIENTATIONS OF THE CAIRNS AND OTHER ADJACENT STRUCTURES OF THE GIANTS' CHURCHES
- **13.00 - 14.30 : lunch** (CHIOSTRO DI LEVANTE)

Session II (S2 part1a) : ARCHEOASTRONOMY AND SKYSCAPE IN CONTINENTAL EUROPE AND IN THE MEDITERRANEAN: FROM PREHISTORY TO ROMAN PERIOD
(chair *Clive Ruggles*)

- 14.30 - 14.55 : RAPPENGLUCK Michael: THE SKY ABOVE THE NEANDERTHALS: DO WE KNOW ANYTHING ABOUT IT?
- 14.55 - 15:20 : SPASOVA Penka *et al*: SEMANTIC ANALYSIS OF ASTRONOMICAL SIGNS AND SYMBOLS IN THE MAGURA PREHISTORIC PICTOGRAPHIC COMPLEX, RABISHA VILLAGE (BULGARIA)
- 15.20 - 15.45 : LOMSDALEN Tore: TO SEE OR TO BE SEEN: KEY COSMOLOGICAL PRINCIPLES IN THE MALTESE TEMPLE PERIOD.
- **16:00 – 16:30 : coffee break** (FOYER DEL CORO DI NOTTE)

S2 part 1b (chair *Cesar Gonzalez-Garcia*)

- 16.30 - 16.55 : CRISTOFARO Ilaria *et al*: HERAIA: SEASONALITY AND SKYSCAPE AT THE TEMPLES OF HERA IN SOUTH OF ITALY
- 16.55 - 17.20 : GUGLIELMINO Salvo: LIGHT AND STARS IN THE SANCTUARIES OF ANCIENT PELOPONNESE
- 17.20 - 17.45 : DALLAS Themis and LIANOU Vicky: ON THE ORIENTATION OF EARLY CHRISTIAN CHURCHES IN THE AEGEAN ISLANDS

November 13 (WEDNESDAY) | University of Catania

SESSION II (S2 part2a) : ARCHEOASTRONOMY AND SKYSCAPE IN CONTINENTAL EUROPE AND IN THE MEDITERRANEAN: FROM PREHISTORY TO ROMAN PERIOD
(chair *Rita Gautschy*)

- 9.15 – 9.40 : BELMONTE Juan Antonio *et al*: RISING AT THE HORIZON OF THE SKY: THE C2 PARADIGM AT THEBE
- 9.40 - 10.05 : GONZALEZ-GARCIA Cesar *et al*: THE ORIENTATION OF NEW MEGALITHIC MONUMENTS IN SOUTHERN IBERIA
- 10.05 - 10:30 : ORLANDO Andrea, RIORDEN Elizabeth and CAVULLI Fabio: ARCHAEOASTRONOMY IN SICILIAN PREHISTORY: AN UPDATE WITH RESEARCH FROM THE LAST 5 YEARS
- 10.30 - 10.55 : PERNIGOTTI Antonio and MAGLI Giulio: EXPLORING ETRUSCAN SACRED ARCHITECTURE: TEMPLE ALIGNMENTS AND THEIR CULTURAL SIGNIFICANCE

- **11.00 - 11.30** :• **coffee break** (FOYER DEL CORO DI NOTTE)
- 11.30 - 11.55 :• RIORDEN Elizabeth and ORLANDO Andrea: ARCHAEOASTRONOMY AND LANDSCAPE AT TROY
- 11.55 - 12.20 :• PRENDERGAST Frank: SOLAR ILLUMINATION OF NEWGRANGE PASSAGE TOMB: ADVANCES IN RECORDING TECHNIQUES AND GEOSPATIAL ANALYSIS
- 12.20 - 12.45 :• RODRIGUEZ-ANTON Andrea and GONZÁLEZ-GARCÍA César: A DIACHRONIC STUDY OF THE ROMAN LANDSCAPES AND SKYSCAPE OF *TARRACO* (TARRAGONA, SPAIN)
- 12.45 - 13.10 :• GEORGIADOU Maria and DALLAS Themis: *MAIRA, HEKATE, LAGINA, SIRIUS*
- **13.00 - 14.30** :• **lunch** (CHIOSTRO DI LEVANTE)

WORKSHOP - Stellarium for Archaeoastronomy with Georg Zotti

- 14.30 - 16:30 :• first part
- **16:30 – 17:00** :• **coffee break** (FOYER DEL CORO DI NOTTE)
- 17.00 - 18:00 :• second part
- **18:30 – 20:00** :• **public conference in the great hall ‘G. De Carlo’:** *‘Introduzione all’Archeoastronomia: dalle piramidi di Giza alla Muculufa (Sicilia)’* with **Giulio Magli (PoliMI) e Andrea Orlando (IAS)** (in Italian).

November 14 (THURSDAY) | University of Catania

SESSION III (S3) :• ARCHEOASTRONOMY AND CULTURAL ASTRONOMY IN THE REST OF THE WORLD (chair *Juan Antonio Belmonte*)

- 9.15 – 9.40 :• DANHONI Marcos *et al*: THE INGÁ STONE: AN ARCHAEOLOGICAL MONUMENT OF THE ORIGINAL PEOPLE OF BRAZIL TO MAP THE SKY AND TURN IT INTO A CALENDAR
- 9.40 - 10.05 :• SANCHEZ Natalia *et al*: COSMOLOGICAL RELATIONS IN THE MUISCA MYTH OF BACHUE
- 10.05 - 10:30 :• ZANGGER Eberhard: EFLATUN PINAR VS. YAZILIKAYA: VERTICAL AND HORIZONTAL HITTITE CELESTIAL ORDERS
- **10.30 - 11.00** :• **coffee break** (FOYER DEL CORO DI NOTTE)

SESSION IV (S4) : MIDDLE AGES (chair *Manuela Incerti*)

- 11:00 – 11.25 : FRINCU Marc and MORINTZ Alexandru: ARCHAEOASTRONOMY ANALYSIS OF THE BUFTEA-LA CÂRNA MEDIEVAL BURIAL GROUND IN ROMANIA
- 11.25 - 11:50 : DRAXLER Sonja: ASTRONOMICAL KNOWLEDGE IN MEDIEVAL PLANETARY DIAGRAMS
- 12.15 - 12:40 : CORA Alberto et al: ORIENTATION OF THE CHURCH DEDICATED TO SAN MASSIMO IN MARMORA (CUNEO - ITALY)
- 12.40 - 13.05 : CARDOSO Walmir: COUNT ERMANNO STRADELLI, THE “LEGEND” OF JURUPARI AND THE CONSTELLATIONS OF THE AMAZONIAN PEOPLES
- **13.00 - 14.30 : lunch** (CHIOSTRO DI LEVANTE)

SESSION V (S5 part I) : CULTURAL ASTRONOMY (chair *Cesar Gonzalez-Garcia*)

- 14.30 - 14.55 : BALBI Nicolas and MERLO David: RESTORATION OF ASTRONOMICAL PHOTOGRAPHS ON GLASS PLATES
- 14.55 - 15.20 : GANDOLFI Giangiacomo: “HOMAGE TO A CHILD OF JUPITER”: RECOVERING AN OLD ASTROLOGICAL READING FOR A GIORGIONESQUE PAINTING IN THE NATIONAL GALLERY
- 15.20 - 15.45 : ADAMO Angelo: ON THE PROBABLE USE OF A SYNESTHETIC METHOD IN THE COMPOSITION OF SCORPIO BY KARLHEINZ STOCKHAUSEN
- 15.45 - 16.10 : HOLBROOK Jarita: QUANTIFYING THE LIVES OF ASTROPHYSICS
- **16:10 – 16:40 : coffee break** (FOYER DEL CORO DI NOTTE)
- 16.40 - 17.05 : GORI Davide and ORLANDO Andrea: GEOLOGICAL AND GEOMORPHOLOGICAL APPROACH TO THE STUDY OF SOME ROCKY SITES IN SICILY (ITALY).
- 17.05 – 17.30 : DILANIAN Karine: THE UNIVERSE IN THE RUSSIAN ICON: COSMOLOGY OF RAYMOND LULL IN THE ICON OF THE MOTHER OF GOD “JOY OF ALL WHO SORROW”

November 15 (FRIDAY) | University of Catania

SESSION V (S5 part II) : CULTURAL ASTRONOMY (chair *Valentina Roberti*)

- 9.15 - 9.40 : HENRIKSSON Goran: SCHICKARD'S ORIGINAL MULTIPLICATION CYLINDERS IDENTIFIED IN UPPSALA
- 9.40 - 10.05 : IWANISZEWSKI Stanislaw: TOWARDS AN EVOLUTIONARY SEMIOTIC APPROACH TO THE SKY: FROM ECOSEMIOTICS TO THE SEMIOTICS OF CULTURE

- 10.05 - 10.30 : PAULE Anna: AN UPDATE ON PROBLEMS IN ANCIENT NEAR EASTERN SOLAR ASTRONOMY AND MYTHOLOGY
- 10:30 - 10.55 : THUILLARD Marc: DIFFERENCES AND SIMILARITIES BETWEEN STAR AND SKY RELATED MYTHOLOGY MOTIFS
- **11.00 - 11:30 : coffee break (FOYER DEL CORO DI NOTTE)**
- 11.30 - 11.55 : VICKERS Doris: ASTRONOMICAL TERMINOLOGY AT THE BEGINNING OF THE 17TH CENTURY

SESSION VI (S6) : Poster – (chair Andrea Rodriguez-Anton)

- 11.55 - 13:00 : 5 minutes for each poster comm.
- **13.00 - 15.00 : lunch (FREE)**
- 15:00 - 15:20 | IAU Comm. (Steven GULBERG)
- 15:20 - 17:20 | General Assembly SEAC
- **18:00 – 22:00 : light dinner and wine experience at ETNA URBAN WINERY**

POSTER

- ADAMO Angelo: A NEW HYPOTHESIS ON THE ETYMOLOGY OF THE NAME ANTARES
- CRISTOFARO Ilaria and DOMANICO Nilo: THE PIETRE DELL'INCAVALLICATA MEGALITHS (CALABRIA, ITALY): A SOLSTITIAL MARKER?
- FALCO Carmelo and ZEGRETTI Marialuisa: ON THE ORIENTATION OF THE SACRED BUILDINGS ON THE HILL OF THE VALLEY OF THE TEMPLES IN AGRIGENTO
- GORI Davide: THE SO-CALLED 'EYES' OF MILAZZO CASTLE (NORTHERN SICILY): AN ASTRONOMICAL APPROACH.
- MICKAELIAN Areg and GAYANE Baleyan: OBYURAKAN ASTROPHYSICAL OBSERVATORY AS A CULTURAL ASTRONOMY CENTRE
- ORLANDO Andrea and GORI Davide: ON THE ORIENTATIONS OF SOME 'ROCKY ALTARS' OF THE VAL DEMONE (NORTH-EAST SICILY)
- RIORDEN Elizabeth and ORLANDO Andrea: AN EARLY BRONZE AGE OPEN-AIR SANCTUARY AT TROY WITH DEPICTION OF ORION CONSTELLATION
- STOEVA PENKA ET AL: DETERMINATION OF SPATIAL AND ASTRONOMICAL VECTORS IN THE CROMLECH NEAR THE VILLAGE OF DOLNI GLAVANAK (MADJAROVO, BULGARIA)
- VECA Carlo and ORLANDO Andrea: NEW DATA FROM THE MIDDLE BRONZE AGE NECROPOLIS OF THAPSOS (SR, SICILY): A TOPOGRAPHICAL AND ASTRONOMICAL APPROACH
- VICKERS Doris: NEW EVIDENCE RELATING TO THE NAMING OF THE PLANET URANUS
- ZEDDA Mauro: PLATO AND THE PRECESSION OF THE EQUINOXES

NOVEMBER 16/17 | Weekend of cultural visit at AGRIGENTO and LICATA

SATURDAY 16

Morning: departure from Catania to Agrigento; visit to the Archaeological Park of the Valley of the Temples (UNESCO site), in particular to the temples of Juno, Concordia, Hercules, Jupiter and Dioscuri.

Lunch: Casa Diodoros (inside the Archaeological Park).

Authorities greetings:

Dott. Roberto SCIARRATTA, Parco Archeologico della Valle dei Templi, Director

On. Giusy SAVARINO, Assessorato Territorio e Ambiente della Regione Siciliana, Councilor

Afternoon: continuation of the visit to the Park, in particular the temple of Demeter and Persephone and archaic fountain; possibility of visit to the archaeological museum P. Griffo.

Night: Dioscuri Hotel (San Leone).

SUNDAY 17

Morning: departure from Agrigento to Licata; visit to the Museum of the Badia, and special attention will be given to the room dedicated to the magnificent decorated vases from the Castelluccian site of Muculufa (EBA site).

Lunch: Cantina Principi di Butera.

Afternoon: observation of the Muculufa landscape and return to Catania.

