

SEPTEMBER 3
(Complesso Belmeloro, Room A - 14, Belmeloro, Bologna)

08:15

Registration & Poster hanging

09:00

Welcome

Symposium I: Keynote Lecture

09:30

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HOW WE SETTLED THE WORLD AND DEVELOPED OUR CULTURE
Eske Willerslev

10:30

EARLY MODERN HUMAN DISPERSAL FROM AFRICA:
GENOMIC EVIDENCE FOR MULTIPLE WAVES OF MIGRATION
Tassi F., Ghiretto S., Mezzavilla M., Torres Vilaça S., De Santi L., Barbujani G.

10:45

IDENTIFICATION OF MISSING CHILDREN:
A QUANTITATIVE APPROACH TO THE ANALYSIS OF FACIAL MORPHOLOGY
Gibelli D., Compassi V., Caplovà Z., Giancola S., Sala R., Cattaneo C.

11:00

DISCOVERING PAST GUT MICROBIOMES THROUGH NGS ANALYSIS:
THE MUMMIES OF ROCCAPELAGO (MO)
Cilli E., De Filippo C., Albanese D., Lugli F., Sordo M., Viola M.F., Traversari M., Catalano G.,
Serventi P., De Fanti S., Quagliariello A., Labate D., Cipriani A., Luiselli D., Gruppioni G.

11:15

Discussion

11:30

Coffe break

11:45

DNA METHYLATION VARIABILITY ALONG THE ITALIAN PENINSULA: AN EVOLUTIONARY
PERSPECTIVE REVEALS IMPLICATIONS FOR HUMAN HEALTH AND DISEASES
Giuliani C., Pirazzini C., Bacalini M.G., Sazzini M., Mari D.,
Passarino G., Franceschi C., Garagnani P., Luiselli D.

12:00

THE SIGNIFICANCE OF MICROFOSSILS RECOVERED FROM
DENTAL CALCULUS FOR ANTHROPOLOGICAL ANALYSIS
Fiorin E., Malgosa A.

12:15

TESTING FOR THE INFLUENCE OF LIFESTYLE ON GENETIC DIVERSITY THROUGH TIME
Leonardi M., Ghiretto S., Tassi F., Manica A., Barbujani G.

12:30

Discussion

12:45

Flash talks

13:15

Free Lunch & Poster Session

15:15

SKANLAB: A NEW, EFFECTIVE AND LOW COST THREE-DIMENSIONAL
PROCEDURE FOR THE ESTIMATION OF UPPER-LIMB VOLUME
Mereu E., Buffa R., Lussu P., Martella P., Succa V., Marini E.

15:30

IN SITU STRONTIUM ISOTOPE ANALYSIS ON BIOGENIC APATITE:
THE USE OF LASER ABLATION AND MULTI COLLECTOR INDUCTIVELY COUPLED
PLASMA MASS SPECTROMETER (LA-MC-ICPMS) IN ANTHROPOLOGICAL RESEARCH
Lugli F., Cipriani A., Reghizzi M., Brunelli D., Benazzi S.

15:45

FACES AND IDENTITIES: IS IT POSSIBLE TO MEASURE THE RELIABILITY
OF 3D CRANIOFACIAL APPROXIMATIONS?
Miccichè R., Di Lorenzo D., Carotenuto G., Lo Bianco S., Valenti P., Sineo L.

16:00

Discussion

16:15

Flash talks

17:15

Coffe break

17:30

Round Table I

SEPTEMBER 4
(Complesso Belmeloro, Room A - 14, Belmeloro, Bologna)

Symposium II: Keynote Lecture

09:00

ITALIAN DIETS THROUGH TIME: AN OVERVIEW OF RESEARCH METHODS AND THEMES
Marcello A. Mannino

ANCIENT BIOMOLECULES: A NEW APPROACH TO STUDY BIOLOGICAL AND CULTURAL
HERITAGE OF THE CENTRAL-SOUTHERN ITALIAN POPULATIONS THROUGH 30K YEARS

10:00 **Martínez-Labarga C.**, Cianfanelli A., De Angelis F., Lelli R., Scorrano G., Brilli M., Giustini F.,
Anzidei A.P., Angle M., Aurino P., Biondi G., Carboni G., Catalano P., De Santis A.,
Martini F., Negroni N., Pacciani E., Radina F., Rubini M., Silvestrini M.,
Rolfo M.F., Volante N., Zaio P., Sarti L., Rickards O.

LOCAL ANCESTRY ANALYSIS REVEALS THE “HUNTER-GATHERER”
STRUCTURE OF SOUTHERN AFRICA

10:15 **Montinaro F.**, Gonzalez-Santos M., Busby G., Oosthuizen O.,
Oosthuizen E., Anagnostou P., Destro-Bisol G., Pascali V., Capelli C.

THE MIGRATION PERIOD IN EUROPE: GENETIC ANALYSIS ON LOMBARDS SAMPLES

10:30 **Vai S.**, Ghirotto S., Lari M.1, Rizzi E., Krause J., Posth C.,
Veeramah K., Geary P., Barbujani G., Caramelli D.

10:45

Discussion

11:00

Coffe break

THE EMERGING COMPLEXITY OF GENOMIC ARCHITECTURE
IN HUMAN POPULATION ISOLATES

11:15 **Anagnostou P.**, Dominici V., Battaglia C., Pagani L., Vilar M.G., Wells R.S, Pettener D., Luiselli D.,
Boattini A., Francalacci P., Calò C.M., Destro Bisol G., Tofanelli S., The Genographic Consortium

11:30

BMI, LIFESTYLES AND SELF-RATED HEALTH IN TEENAGERS OF THE EMILIA-ROMAGNA REGION
Gueresi P., Cavrini G.

11:45

Discussion

12:00

Flash talks

12:45

Lunch & Poster Session

14:15	TOWARDS A DEEPER DISSECTION OF THE ITALIAN GENOMIC LANDSCAPE Sazzini M. , Gnechchi Ruscone G.A., Giuliani C., Sarno S., Boattini A., Gentilini D., Fiorito G.D., Di Blasio A.M., Matullo G., Salvarani C., Franceschi C., Garagnani P., Pettener D., Luiselli D.
14:30	DENTI, TARTARO E ANTICHI TESSUTI. UN CASO DI ANALISI INTEGRATA PER L'INDIVIDUAZIONE DI ATTIVITÀ LAVORATIVE NELL'ANTICA COMUNITÀ DI GRICIGNANO D'AVERSA (CAMPANIA, 2500-1750 BC) Sperduti A. , Frayer D., Rossi P.F., Guida G., Giuliani M.R., Vaccaro S., Bondioli L.
14:45	WEIGHT STATUS IN WOMEN OF NORTH AFRICAN ORIGIN LIVING IN ITALY Toselli S. , Rinaldo N., Caccialupi M.G., Gualdi-Russo E.
15:00	Discussion
15:15	PERFORMANCE IN COMPETITIVE RUNNERS: ANTHROPOMETRIC, GENETIC AND PSYCHOLOGICAL FACTORS Zaccagni L. , Barbieri D., Missoni S., Šarić T., Šarac J., Babic V., Baric R., Rakovac M., Bernardi F., Lunghi B., Gualdi-Russo E.
15:30	GENDER BIAS IN SARDINIAN POPULATIONS REVEALED BY THE ANALYSIS OF UNIPARENTAL MARKERS Bachis V. , Corrias L., Culigioni C., Robledo R., Mameli A., Sanna E., Vona G., Calò C.M.
15:45	ANTHROPOMETRIC AND BIOMECHANICAL CONTRIBUTION IN BASKETBALL PLAYERS SELECTION Micheletti Cremasco M. , Pizzigalli L., Benis R., La Torre A.
16:00	Discussion
16:15	AAI members meeting
17:45	Bus transfer to Ravenna
20:30	Conference Dinner

SEPTEMBER 5
(Department of Cultural Heritage - 1, degli Ariani, Ravenna)

Symposium III: Keynote Lecture

09:00

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**WHEN SIMULATION MEETS MORPHOMETRICS:
FORM AND FUNCTION IN THE HOMININ FOSSIL RECORD**
Paul O'Higgins

10:00

THE LOWER LIMB OF THE DINALEDI HOMININ SAMPLE
Marchi D., Walker C.S., Wei P., DeSilva G.M.,
Holliday T.W., Churchill S.E., Berger L.R.

10:15

NEW DATA FROM ISERNIA LA PINETA (MOLISE):
THE OLDEST HUMAN FOSSIL SPECIMEN IN ITALY
Peretto C., Arnaud J., Moggi Cecchi J., Manzi G., Nomade S., Pereira A., Falguères C.,
Bahain J.J., Grimaud-Hervé D., Berto C., Sala B., Lembo G., Muttillio B., Gallotti R.,
Thun Hohenstein U., Vaccaro C., Coltorti M., Arzarello M.

10:30

MORPHOLOGICAL DIFFERENCE IN HOMINOID TALI
BASED ON GEOMETRIC MORPHOMETRIC METHODS
Minghetti C., Parr W., Ryan T., Carlson K., Turley K., Wroe S., Gruppioni G.,
Shaw C., Saers J., Su A., Fiorenza L., Frost S., Benazzi S.

10:45

Discussion

11:00

Coffe break

11:15

REASSESSMENT OF THE MIDDLE PALEOLITHIC HUMAN REMAINS
FROM RIPARO TAGLIENTE, ITALY
Arnaud J., Peretto C., Panetta D., Tripodi M., Fontana F., Arzarello M.,
Thun Hohenstein U., Berto C., Sala B., Oxilia G., Salvadori P.A., Benazzi S.

11:30

LA STIMA DELL'ETÀ MEDIANTE LO STUDIO DELL'APPOSIZIONE DELLA DENTINA
SECONDARIA: DIECI ANNI DI AGESTIMATION PROJECT
Cameriere R., Ferrante L., Bertoldi F., Bestetti F.

11:45

Discussion

Symposium IV: Keynote Lecture

12:00

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MOLECULAR PALEOPATHOLOGY: THE CHALLENGE OF THE PLAGUE
Barbara Bramanti

13:00

Lunch

14:30

THEORETICAL ASPECTS OF PHYSICAL-CHEMICAL PARAMETERS FOR THE
CORRECT CONSERVATION OF MUMMIES ON DISPLAY IN MUSEUMS
Samadelli M., Roselli G., Fernicola V.C., Moroder L., Zink A.R.

14:45

WHOLE MTDNA SEQUENCING IN ALPINE POPULATIONS
AND THE GENETIC HISTORY OF THE NEOLITHIC TYROLEAN ICEMAN
Coia V., Cipollini G., Anagnostou P., Maixner F., Battaglia C., Brisighelli F.,
Carballa A.G., Destro Bisol G., Salas A., Zink A.R.

15:00

I RESTI UMANI DEL COMPLESSO FUNERARIO DI NEFERHOTEP
(XVIII-XIX DINASTIA, VALLE DEI NOBILI, LUXOR, EGITTO)
D'Anastasio R., Viciano J., Cilli J., Sciubba M., Capasso L.

15:15

Discussion

15:30

VARIABILITY IN ISOTOPIC VALUES RELATED TO POOR HEALTH STATUS
IN ARCHAEOLOGICAL POPULATIONS
Scorrano G., Amicucci G., Battistini A., Caldarini C., Cesana D., De Angelis F.,
Di Giannantonio S., Gaspari L., Ilardi M.B., Mosticone R., Pantano W.,
Pescucci L., Zavaroni F., Brilli M., Catalano P., Rickards O.

15:45

ANTHROPOLOGICAL ANALYSIS OF CREMATED REMAINS
FROM THE LATE BRONZE AGE CEMETERY OF SLATINA, CROATIA
Premužić Z., Šikanjić P.R., Dizdar D. L.

16:00

FROM UPPER PALEOLITHIC TO ENEOLITHIC: MITOCHONDRIAL GENOME ANALYSIS
OF ANCIENT HUMAN SAMPLES FROM CENTRAL-SOUTHERN ITALY
Gigli E., Posth C., Scorrano G., Lelli R., Martini F., Pacciani E., Aurino P., Ronchitelli A.,
Krause J., Martínez-Labarga C., Rickards O., Caramelli D., Lari M.

16:15

Discussion

16:30

Round Table II

18:00

Poster awards & Concluding Remarks