Università di Catania

SICILIAE STVDIVM GENERALE · 1434

Struttura Didattica Speciale di Lingue e Letterature Straniere

International Workshop

BRIDGES

DIALOGUES BETWEEN HUMANITIES AND SCIENCE

https://bit.ly/3dqYenS

DECEMBER 13TH 2021

Auditorium di Santa Teresa, Ragusa Ibla

Supported by University of Catania Chance Grant

ENS ONLUS

MuGS — MULTIMODALITY GESTURES SIGNS

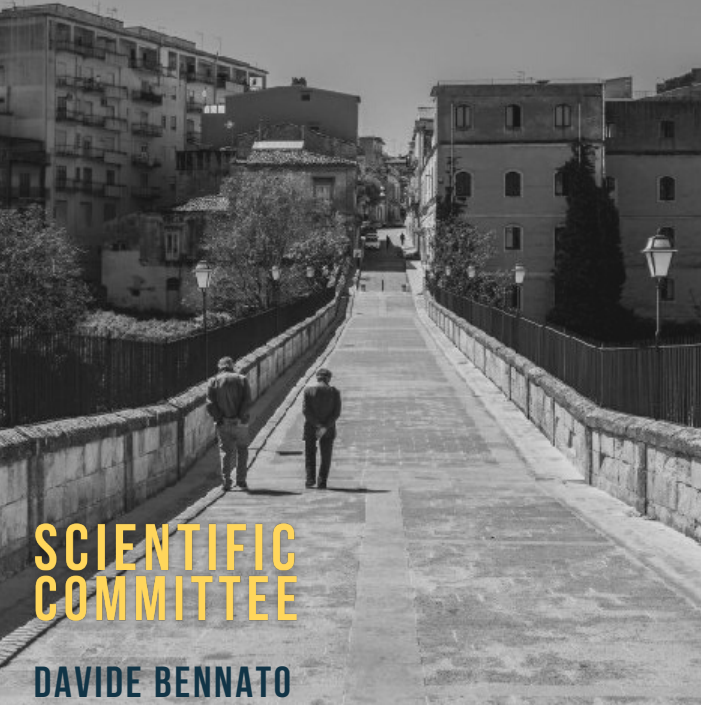Centro Interuniversitario Cognizione, Linguaggio e Sordità

THE WORKSHOP

This workshop intends to promote epistemological reflections on the relationship between humanities and technologies starting from a shared research project that involved our departments and the Polytechnic University of Turin.

The starting point is a multidimensional interaction between humanities and science technology that involves a process of epistemological re-foundation of both humanities and technology. Its aim is to pursue transdisciplinarity in order to transcend disciplinary boundaries and go beyond the simple interaction between different disciplines.

The transdisciplinary approach has several major implications:

on the one hand, it transgresses boundaries between different academic cultures, such as between humanities and ICT; on the other, it steps into problem fields and engages in mutual learning with people in real life. In this sense, some of the major challenges of this dialogue such as sign language recognition or narration will be discussed.

PROGRAM

MORNING

9:00 | WELCOME AND OPENING

9:30 | TRANSDISCIPLINARY DIALOGUES

PRESENTATION AND CHAIRING: SABINA FONTANA (UNIVERSITY OF CATANIA, RAGUSA)

TERESA CALTABIANO (INTERNATIONAL RESEARCH OFFICE COORDINATOR, UNIVERSITY OF CATANIA)

"Collaboration between Humanities and Science: challenges and opportunities"

LUCIANO LAVAGNO (POLYTECHNIC UNIVERSITY OF TURIN)

"Artificial Intelligence: from listening to meaning"

STEFANO RAPISARDA (UNIVERSITY OF CATANIA, RAGUSA)

"Is it Possible a New Marriage of Phylology and Mercury? Short Notes on this Topic"

RICHARD BOWDEN (UNIVERSITY OF SURREY)

"Building a Universal Sign Translator"

GIULIO BURGIO (UNIVERSITAT ROVIRA I VIRGILI, UNIVERSITY OF TARRAGONA)

"Bridging Disciplines to Connect the Dots of Complexity"

CRISTINA BOSCO (UNIVERSITY OF TURIN)

"How computational linguistics faces the challenge of social media texts"

AFTERNOON

13:00 | LUNCH

15:00 | BRIDGES: NEW CHALLENGES

CHAIR: LUCIANO LAVAGNO

ANTONIO DI SILVESTRO (UNIVERSITY OF CATANIA)

"Digital Humanities: the experience of the Humanistic Informatics Center (CINUM)"

FEDERICO GOBBO (UNIVERSITY OF AMSTERDAM)

"Beyond the taxonomic fury and the tragedy of inductivism: an epistemological approach"

AMIR ZUCCALÀ

"Deaf Users and Technologies: a case study"

SENYA POLIKOVSKY (MAX PLANCK INSTITUTE, TUEBINGEN)

"Designing Multi-Sensor Datasets for Sign Language Translation AI and Beyond"

DAVIDE BENNATO (UNIVERSITY OF CATANIA)

"The transdisciplinary stance in the Social Sciences in the XXI century"

18:00 | CONCLUSIONS

LUCIANO LAVAGNO AND SABINA FONTANA

SCIENTIFIC COMMITTEE

DAVIDE BENNATO
TERESA CALTABIANO
ANTONIO DI SILVESTRO
SABINA FONTANA
RENATA GAMBINO
PIETRO MILITELLO
GIUSEPPE PALAZZOLO
STEFANO RAPISARDA
ANTONINO SICHERA
MASSIMO STURIALE
AMIR ZUCCALÀ

ORGANIZING COMMITTEE

SABINA FONTANA
GAIA CALIGIORE
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ERIKA RANIOLO