



ORGANISED
BY UNIVERSITY OF ENNA KORE



International conference - 2nd edition

Accessibility and Inland Mobility Advancement Strategies

AIMAS-2025

10th-12th April-2025

Petralia Soprana (PA)



Activities supported by the MUR (Italian Ministry of University and Research) through SMART3R-PLTS: SMART Transport for Travellers and Freight Logistics Integration Toward Sustainability (Project protocol: 2022.2B5RP_03, CUP: J83D23009330006), financed by the PRIN 2022 (Research Projects of National Research Programme).



ASSOCIAZIONE ITALIANA
per l'INGEGNERIA
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e dei TRASPORTI



2ND EDITION -INTERNATIONAL CONFERENCE
ACCESSIBILITY AND INLAND MOBILITY ADVANCEMENT STRATEGIES AIMAS-2025
10TH-12TH APRIL 2025, PETRALIA SOPRANA (PA)

AIMAS 2025 SESSIONS

10TH APRIL-1ST DAY

10:45-11:15 SESSION A - 15 MIN CITY MODEL

THE PROXIMITY CITY: FOSTERING HUMAN-SCALE PLANNING AND PLANET-FRIENDLY URBAN FUTURE

BENIAMINO MURGANTE-UNIVERSITY OF BASILICATA,IT

11:15-11:45 SESSION B - TRANSPORT DEMAND AND SOCIAL INCLUSION

DISTRIBUTIVE EFFECTS OF TRANSPORT INFRASTRUCTURES FOR THE ELDERLY: SUSTAINABILITY, EQUITY, AND ACCESSIBILITY

ELISABETTA VENEZIA-UNIVERSITY OF BARI ALDO MORO , IT

12:30-13:00 SESSION C - MAAS IMPLICATION IN THE SMART CITY

MAAS AS AN ACCELERATOR OF SMART CITY IMPLEMENTATION

FLORIN NEMTANU-UNIVERSITY POLITEHNICA OF BUCHAREST, RO

15:00-15:30 SESSION D - TECHNOLOGY, ACCESSIBILITY AND INCLUSIVENESS

IMMERSIVE TECHNOLOGIES AND METAVERSE FOR ACCESSIBLE AND INCLUSIVE TOURISM

OSVALDO GERVASI-UNIVERSITY OF PERUGIA, IT

11TH APRIL-2ND DAY

09:00-09:30 SESSION E - MARITIME TRANSPORT DEVELOPMENT

CHALLENGES AND OPPORTUNITIES IN MARITIME TRANSPORT: SUSTAINABLE SOLUTIONS FOR CONTAINER TERMINALS

**ELEN TWRDY-UNIVERSITY OF LJUBLJANA, SI
ELENA COCUZZA-UNIVERSITY OF CATANIA, IT**

11:30-12:00 SESSION F- ACCESSIBILITY CONCEPT

AEGEAN SMALL FRONTIER ISLANDS _ CHALLENGES AND DILEMMAS IN MANAGEMENT AND PLANNING FOR LOCAL DEVELOPMENT IN THE ERA OF CLIMATE CRISIS

YIOTA THEODORA-NATIONAL TECHNICAL UNIVERSITY OF ATHEN,GR

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10TH APRIL-1ST DAY

09:30-10:00 REGISTRATION -PALAZZO POTTINO

10:00-10:30 OPENING CEREMONY

- GIOVANNI TESORIERE, UKE, IT
- FRANCESCO CASTELLI, UKE, IT
- PIETRO MACALUSO, MAYOR OF PETRALIA SOPRANA
- PIETRO POLITO, MAYOR OF PETRALIA SOTTANA
- ENRICO PAGLIARI-AIIT
- STEFANO CARRESE-SIDT
- GIANLUCA DELL'ACQUA-SIIV
- ANNA CONTENTI-WIMIT

10:30-10:45 AIMAS 2025 INFO

TIZIANA CAMPISI-UNIVERSITY OF ENNA KORE, ITALY

10:45-11:15 SESSION A- 15 MIN CITY MODEL

BENIAMINO MURGANTE-UNIVERSITY OF BASILICATA, IT

11:15-11:45 SESSION B -TRANSPORT DEMAND AND SOCIAL INCLUSION

ELISABETTA VENEZIA-UNIVERSITY OF BARI ALDO MORO, IT

11.45-12:00

REZA ASKARIZAD, MANA DASTOUM, CHIARA GARAU-UNIVERSITY OF CAGLIARI, IT
REVITALISING LEFTOVER SPACES WITHIN HISTORIC NEIGHBOURHOODS:
BRIDGING THEORETICAL AND PRACTICAL SOLUTIONS TO ENHANCE SOCIALISATION

12:00-12.15

ALESSANDRO CAPODICI, GABRIELE D'ORSO,
MARCO MIGLIORE-UNIVERSITY OF PALERMO, IT
IMPROVING PUBLIC TRANSPORT ACCESSIBILITY IN LOW-
DEMAND AREAS: THE POTENTIAL DEMAND OF DRTL SERVICES

12:15-12:30

SIMONA DE BARTOLOMEO, NADIA GIUFFRIDA-POLYTECHNIC UNIVERSITY OF BARI, IT
MICHELA LE PIRA-UNIVERSITY OF CATANIA, IT
SCHOOL-STREET MONITORING THROUGH CITIZEN SCIENCE: PROGRESS ON THE
BEC2SCHOOL PPROJECT



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FLORIN NEMTANU-UNIVERSITY POLITEHNICA OF BUCHAREST,RO

13:00-13:30 CITIEU_CITIME

13:30-15:00 LIGHT LUNCH

15:00-15:30 SESSION D-TECHNOLOGY, ACCESSIBILITY AND INCLUSIVENESS
OSVALDO GERVASI-UNIVERSITY OF PERUGIA,IT

15:30 -15:45
GIUSEPPE INTURRI & GIOVANNI CALABRO'-UNIVERSITY OF CATANIA,IT
EVALUATING URBAN READINESS FOR 30 KM/H SPEED LIMITS: A
MACROSCOPIC ANALYSIS OF ITALIAN CITIES

15:45-16:00
GUILERHERMINA TORRAO-ASTON UNIVERSITY, UK
UNDERSTANDING WOMEN'S SAFETY IN TRANSIENT ENVIRONMENTS: LEVERAGING AI
FOR SAFER AND INCLUSIVE MOBILITY

16:00-16:15
GIOVANNI CALABRO' & GIUSEPPE INTURRI-UNIVERSITY OF CATANIA, ITALY
AN AGENT-BASED MODEL FOR PASSENGER AND FREIGHT
INTEGRATION VIA DEMAND-RESPONSIVE TRANSPORT

16:15-16:30
VITO FRANGIAMORE-UNIVERSITY OF PALERMO, IT
A COMPARATIVE ANALYSIS OF BIG DATA AND UAVS-VIDEO TECHNOLOGIES FOR
TRAFFIC FLOW DETECTION AND MONITORING

16:30-16:45 VALENTINA COSTA & ILARIA DELPONTE-UNIVERSITY OF GENOA,IT
SOCIO-DEMOGRAPHIC FACTORS INFLUENCING MOBILITY BEHAVIOURS: INSIGHTS
FROM THE UNIVERSITY OF GENOA WIDESPREAD CAMPUS

16:45-17:00 MUHAMMED TALHA SUNAR-BURSA TECHNICAL UNIVERSITY, TR
MULTI OBJECTIVE OPTIMIZATION FOR ELECTRIC VEHICLE CHARGING STATION
LOCATIONS

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17:00-18:00 AGE-IT ROUNDTABLE

MODERATOR: ELISABETTA VENEZIA, UNIVERSITY OF BARI ALDO MORO, ITALY

- **MARIATERESA GATTULLO, UNIVERSITY OF BARI ALDO MORO, IT**
- **SIMONA VICIANI, UNIVERSITY OF FIRENZE, IT**
- **DOMENICO SPAMPINATO, MEMBER OF THE COMMISSION FOR THE EVALUATION AND VERIFICATION OF PUBLIC INVESTMENTS, SICILIAN REGION**
- **CLARA CELAURO, UNIVERSITY OF PALERMO, IT**

18:00-18:15 DISCUSSION

18:15-19:15 PRIN2022-PRIN2022 PNRR PROJECTS BRAINSTORMING

- **PNRR-MOST: CENTRO NAZIONALE PER LA MOBILITÀ SOSTENIBILE**
- **PNRR-RETURN: MULTI-RISK SCIENCE FOR RESILIENT COMMUNITIES UNDER A CHANGING CLIMATE**
- **PARTENARIATO ESTESO PNRR: AGEING WELL IN AN AGEING SOCIETY (AGE-IT)**
- **PRIN-PNRR2022: NATIONAL AND LOCAL FACTORS AFFECTING TIMES OF SHIPS IN CONTAINER PORTS (PORTS)**
- **PRIN-PNRR2022: BUILDING EMPOWERMENT AND COMMUNITY CONCERNS VIA TRANSPORT SENSORS IN SCHOOLS (BE2SCHOOL)**
- **PRIN 2022: RECOVERY INCREASING BY SOCIAL KNOWLEDGE, RISK**
- **PRIN 2022: MOVING FROM STREET EXPERIMENTS TO ADAPTIVE PLANNED SOLUTIONS (MOVINGSTEPS)**
- **PRIN 2022: URBAN DE-POLLUTION AND DE-CARBONISATION FROM EMISSIONS GENERATED BY TRANSPORT SYSTEMS: EVALUATION OF DEDICATED METHODOLOGIES, TECHNOLOGIES AND ECONOMIC THRESHOLDS FOR AN UNPRECEDENTED MOBILITY AT 2030-50 (URGET VADEMECUM 2030-50)**
- **PRIN 2022: TRANSPORT FOR TRAVELLERS AND FREIGHT LOGISTICS INTEGRATION TOWARD SUSTAINABILITY (SMARTE3R FLITS)**
- **PRIN 2022: A LEARNER DICTIONARY OF ITALIAN COLLOCATIONS (DICI-A)**

19:30 LIVE SHOW + DINNER " LU CARME "



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11TH APRIL-2ND DAY

09:00-09:30 SESSION E

MARITIME TRANSPORT DEVELOPMENT

**ELEN TWRDY ,UNIVERSITY OF LJUBLJANA, SI
ELENA COCUZZA, UNIVERSITY OF CATANIA, IT**

09:30-09:45

**DOMENICO SGRO',UNIVERSITY OF REGGIO CALABRIA, IT
METHODOLOGIES FOR CODING BI-DIMENSIONAL FARE STRUCTURES:
CASE STUDY OF ITALIAN HIGH-SPEED RAIL (HSR)**

09:45-10:00

**MARIALUISA MOSCHELLA, UNIVERSITY OF REGGIO CALABRIA, IT
ESTIMATION OF HIGH-SPEED RAIL PASSENGER DEMAND:
CALIBRATION OF BEHAVIOURAL MODELS BASED ON EXPERIMENTAL
RP/SP SURVEY IN A TEST CASE**

10:00-10:15

**GIUSEPPE MUSOLINO, PAOLA PANUCCIO , CORRADO RINDONE,
FRANCESCO RUSSO, ANTONINO VITETTA, UNIVERSITY OF REGGIO
CALABRIA,IT
FIRST EXPERIMENTAL RESULTS ABOUT NATIONAL AND LOCAL
FACTORS AFFECTING TIMES OF SHIPS IN CONTAINER PORTS**

10:15-10:30

**ORLANDO MARCO BELCORE , MASSIMO DI GANGI AND ANTONIO
POLIMENI, UNIVERSITY OF MESSINA,IT
EXTRACTING INFORMATION FROM OPEN AIS DATA: VESSEL
TURNAROUND TIME IN CONTAINER PORTS**

10:30-10:45 COFFEE BREAK

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10:45-11:15 SESSION F

TRANSPORT ACCESSIBILITY

YIOTA THEODORA, NATIONAL TECHNICAL UNIVERSITY OF ATHEN,GR

11:15-11:30

SILVIA ROSSETTI, UNIVERSITY OF PARMA, IT

**MOVING STEPS MOVING FROM STREET EXPERIMENTS TO ADAPTIVE
PLANNED SOLUTIONS**

11:30-12:00 TRM GROUP

12:00-12:15

CHIARA SPADARO, TIZIANA CAMPISI, ANTONIO RUSSO, GIOVANNI

TESORIERE -UNIVERSITY OF ENNA KORE, IT

**DEVELOPING THE ACCESSIBILITY THROUGH PT-DRT COMPLEMENTARY
SERVICES**

12:15-12:30

TAZYEEN ALAM, CHIARA GARAU-UNIVERSITY OF CAGLIARI, ITALY

**ENHANCING ACCESSIBILITY: EXPLORING URBAN AND REGIONAL
CONNECTIVITY POSSIBILITIES IN SARDINIA, ITALY**

12:30-12:45

**SANJA SURDONJA, ALEKSANDRA DELUKA TIBLJAŠ-UNIVERSITY OF
RIJEKA, HR**

IRENA IŠTOKA OTKOVIĆ-UNIVERSITY OF OSIJEK, HR

**MULTI-CRITERIA OPTIMIZATION AS A TOOL FOR MULTIMODAL
TRANSPORTATION PLANNING - A CASE STUDY FROM A SMALL TOWN IN
CROATIA**

12:45-13:00 SARA FAEDDA, TANJA CONGIU-UNIVERSITY OF SASSARI, IT

**ACCESSIBILITY OF TRANSPORT SYSTEMS: EVIDENCE TO IMPROVE THE
TRAVEL EXPERIENCE OF DEAF PEOPLE**

13:00-13:15 LIDIA ZAKOWSKA-CRACOW UNIVERSITY OF

TECHNOLOGY, PL

**VISUAL CONCEPT OF EDUCATION ON SUSTAINABLE URBAN TRANSPORT
AND MOBILITY DESIGN**

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13:15-15:00 LIGHT LUNCH

15:00 -16:00 SMART3R FLITS ROUND TABLE

MODERATOR: GIUSEPPE INTURRI, UNIVERSITY OF CATANIA,IT

- GIOVANNI CALABRÒ-UNIVERSITY OF CATANIA, IT
- MARCO MIGLIORE-UNIVERSITY OF PALERMO, IT
- CHIARA GARAU-UNIVERSITY OF CAGLIARI, IT
- GIOVANNI TESORIERE , TIZIANA CAMPISI,
ANTONIO RUSSO-UNIVERSITY OF ENNA KORE, IT

16:00-16:15 AIMAS2025 CERTIFICATES AND BEST PAPER AWARDS

16:15-17:15 ROUND TABLE "INNOVATIVE SOLUTION FOR THE MOBILITY OF "BORGO DEI BORCHI" AREAS

MODERATOR: GIOVANNI TESORIERE, UNIVERSITY OF ENNA KORE,IT

MAYORS OF 'BORCHI PIU' BELLI D'ITALIA'-SICILY REGION AND REGIONAL STAKEHOLDERS

17:45 STREET EVENT " STENDARDIERI DI PETRALIA SOPRANA" (PIANO DELLA CHIESA MADRE)

20:00 DINNER RESTAURANT "CLOROPHILLA"

12TH APRIL-3RD DAY

09:30-10:00 GATHERING AT PIAZZA DEL POPOLO AND TRANSFER AT PETRALIA SOTTANA

10:00-11:30 WALKING AROUND PETRALIA SOTTANA

11:30- 12:30 BALLO DELLA CORDELLA AT "BELVEDERE DI PIAZZA DUOMO"-PETRALIA SOTTANA

12:30-13:00 CLOSING CEREMONY

13:15-15:00 LUNCH-AGRITURISMO TERRAVECCHIA



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PROF. GIOVANNI TESORIERE
PROF. DARIO TICALI**

**Local Organizing Committee Chairs
(University of Enna Kore, IT)**

**PROF. TIZIANA CAMPISI
PROF. GIOVANNI TESORIERE
ENG. ANTONIO RUSSO, PHD
ARCH. CHIARA SPADARO, PHD STUDENT**

AIMAS2025 SECRETARIAT

**PROF. TIZIANA CAMPISI,
UNIVERSITY OF ENNA KORE, ITALY**

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