O

DIGITAL COLLABORATIVE ENGAGEMENT REGENERATING CULTURAL NATURAL HERITAGE

SUMMER SCHOOL 2022

POLITECNICO DI TORINO_DIST

CASTELLO DEL VALENTINO

Fourth Edition 26 June- 02 July 2022 PROMOTED BY:

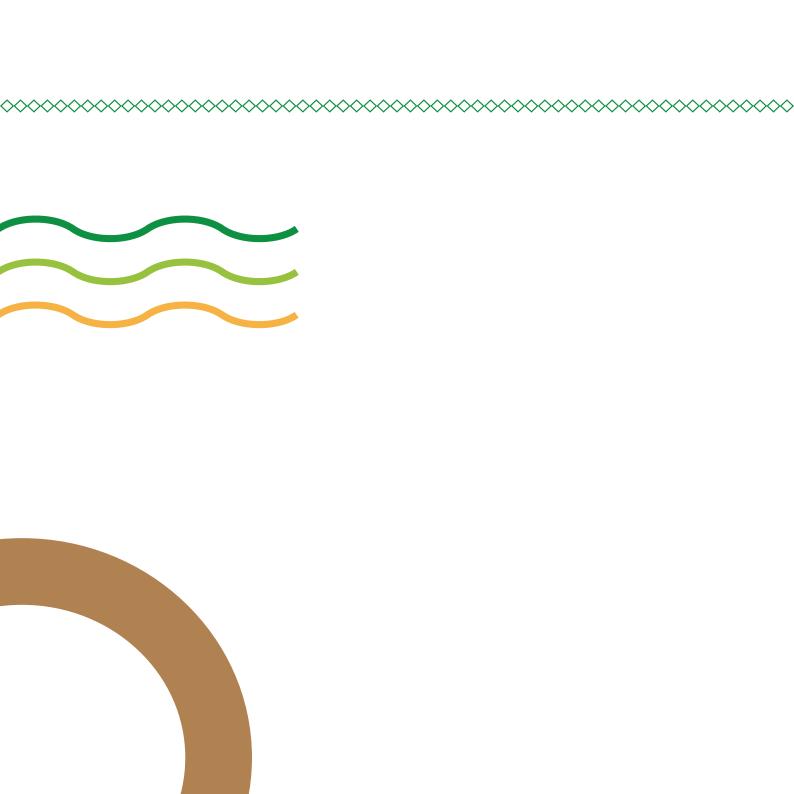
POLITECNICO DI TORINO-DIST

UCLA-COSTEN INSTITUTE OF ARCHEOLOGY

IN COLLABORATION WITH:

UNESCO

RURITAGE H2020



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FRAMEWORK

DIGITAL COLLABORATIVE ENGAGEMENT REGENERATING CULTURAL NATURAL HERITAGE

This intensive international summer school program will equip participants with skills to build collaborative digital projects for regional development, with the aim of engaging local stakeholders. The research training focuses on large-scale and composite cultural natural heritage sites in rural environments, with a broad diversity of heritage resources including archaeological sites, cultural routes, geoparks, as well as rural, cultural and natural landscapes. Participants will explore how to collaborate in recording, finding and shaping information, using different data formats and digital tools. These can be used for cultural and natural heritage conceptualization, characterization, representation and management. In addition, participants will discuss the role of local communities and multiple stakeholders in determining the value of heritage and will develop projects for co-building heritage-based knowledge on local areas. Methods and Digital tools will be used to experience and improve user engagement processes in European regions and beyond.



ORGANIZERS





Dipartimento Interateneo di Scienze, Progetto e Politiche del Territorio

Eccellenza MIUR 2018-2022

DIST: The Inter-university Department of Regional & Urban Studies and Planning (DIST) is the reference structure for the Politecnico di Torino and the University of Turin in the cultural areas that study the transformation and the governance processes within a territory, as considered in its physical, economic, social, political, cultural aspects and their interrelationships, in a integrated sustainability perspective. The DIST promotes, coordinates and manages research, teaching and third mission activities aimed at the educating the change agents of tomorrows' challenges for a sustainable management of our territories.

https://www.dist.polito.it/en/



The Cotsen Institute of Archaeology at UCLA is a premier research organization dedicated to the creation, dissemination, and conservation of archaeological knowledge and heritage. The Cotsen Institute is home to both the Interdepartmental Archaeology Program and the UCLA/Getty Program in Archaeological and Ethnographic Conservation. It provides a forum for innovative faculty research, graduate education, and public programs at UCLA in an effort to have a positive influence on the academic, local and global communities. The Cotsen Institute is at the forefront of archaeological research, education, conservation and publication and is an active contributor to interdisciplinary research at UCLA.

https://ioa.ucla.edu/content/our-mission



RURITAGE is a four-year-long EU-funded research project, initiated June 2018, which strives to enable rural regeneration through heritage. The project aims to sustainably enhance local heritage for regional and community development. The intention is to regenerate rural areas with the help of the Systemic Innovation Areas (SIA) framework which identifies unique heritage potential within rural communities. The recognised SIAs are Pilgrimage, Resilience, Sustainable Local Food Production, Integrated Landscape Management, Migration and Art and Festivals. https://www.ruritage.eu/project/







UNESCO is the United Nations Educational, Scientific and Cultural Organization. It seeks to build peace through international cooperation in education, sciences and culture. UNESCO's programmes contribute to the achievement of the Sustainable Development Goals defined in the 2030 Agenda, adopted by the UN General Assembly in 2015. https://www.unesco.org/en/brief

AGENDA

ARRIVAL DAY

SUNDAY JUNE 26 ARRIVAL DAY

2:30- 5:00 pm
Welcome by running a scavenger hunt through
UNESCO sites in Turin

OGR - Officine Grandi Riparazioni Corso Castelfidardo, 22

5:30- 07:30 pm Welcome reception, Aperitivo, with Summer School Committee

OGR - Officine Grandi Riparazioni Corso Castelfidardo, 22

08:00 pm Welcome Dinner with Summer School Committee

4 soldi Restaurant Corso Castelfidardo, 7



MONDAY JUNE 27

Castello del Valentino, Room 6V

08:30 - 09:30 am

Digital Collaborative Engagement. Regenerating Cultural Natural Heritage - Opening Speech Rosa Tamborrino, Politecnico di Torino, DIST Simona Tondelli, University of Bologna, RURITAGE Coordinator Willeke Wendrich, Cotsen Institute of Archaeology, University of California, Los Angeles

09:30 am - 10:15 am

Lesson: Ruritage Resource Ecosystem collaborative engagement in a digital and heritage-led holistic knowledge Rosa Tamborrino, Politecnico di Torino DIST

10:15 am - 11:00 am

Lesson: Rural heritage as a driver for sustainable growth Simona Tondelli, University of Bologna, RURITAGE Coordinator

11:00 am – 11:15 am Break

11:15 am - 12:00 am

Lesson: Archives, Memory and Landscapes: digital places as locus for storage and evocation of cultural memory Willeke Wendrich, Cotsen Institute of Archaeology, University of California, Los Angeles

MONDAY JUNE 27

Castello del Valentino, Room 6V

12:00 am - 12:45 pm

Lesson: Collaborative digital mapping: Tangible and Intangible Cultural Natural Heritage Ruritage Atlas
Mesut Dinler, Politecnico di Torino, DIST

12:45 pm – 02:00 pm Lunch Break

02:00 pm - 02:30 pm

Cultural Natural Heritage Collaborative Workshop: Introduction Rosa Tamborrino, Politecnico di Torino, DIST Willeke Wendrich, Cotsen Institute of Archaeology, University of California, Los Angeles

02:30 pm - 04:30 pm

Cultural Natural Heritage Collaborative Workshop: Case studies presentations, Parallel sessions
Babis Fassoulas, University of Crete and Psiloritis Geopark
Augusto Grinzi, PIAM Progetto Integrazione Accoglienza Migranti
Willeke Wendrich, Cotsen Institute of Archaeology, UCLA Los Angeles

04:30 pm - 06:30 pm

Workshop: Collaborative digital mapping: Tangible and Intangible Cultural Natural Heritage Ruritage Atlas
Mesut Dinler, Politecnico di Torino, DIST





TUESDAY JUNE 28

Castello del Valentino, Room 6V

08:30 am - 09:30 am

Remote Lesson: Community engagement for Local participation in heritage shaping in rural territories Claudia De Luca, University of Bologna

09:30 am - 10:30 am

Lesson

Rosa Tamborrino, Politecnico di Torino, DIST

10:30 am – 10:45 am Break

10:45 am - 11:45 am

Lesson: Stakeholders engagement in Digital Platform for Heritage Zahra Amirzada, UNESCO, Paris Irina Pavlova, UNESCO, Paris

11:45 am - 12:45 pm

Workshop: Experiencing and Implementing Collaborative Digital Tools
Zahra Amirzada, UNESCO, Paris

Irina Pavlova, UNESCO, Paris

01:00 pm – 02:00 pm Lunch break

TUESDAY JUNE 28

Castello del Valentino.Room 6V

02.00 pm - 03.00 pm

Workshop: Experiencing and Implementing Collaborative Digital

Tools

Zahra Amirzada, UNESCO, Paris Irina Pavlova, UNESCO, Paris

3:00 pm – 6:00 pm Collaborative Teamwork on case studies

06:00 pm - 06:15 pm UNESCO World Heritage Sites Irina Pavlova, UNESCO, Paris

06:15 pm - 07:00 pm Visiting Castello del Valentino UNESCO site Giulia Mezzalama, Politecnico di Torino, DIST

08:00 pm

Dinner with Summer School Committee La Badessa Restaurant Piazza Carlo Emanuele II, 17





WEDNESDAY JUNE 29

Castello del Valentino, Room 6V

08:30 am - 09:30 am

Lesson: The Value of Digital Knowledge Exchange Zahra Amirzada, UNESCO, Paris Irina Pavlova, UNESCO, Paris

09:30 am - 10:30 am

Lesson: Serious game: narrative shaping RURITANIA Noam Obermeister, Center for System Solutions-CRS

10:30 am – 10:45 am Break

10:45 am – 01:00 pm

Workshop: Collaborative Serious game creation Noam Obermeister, Center for System Solutions-CRS

01:00 pm – 02:00 pm Lunch break

02.00 pm – 06.30 pm Collaborative Teamwork on case studies

THURSDAY JUNE 30

Castello del Valentino, Room 6V

08:30 am - 09:30 am

Remote Lesson: Monitoring Platform: Rural heritage-led regeneration

assessment

Francisco Barrientos, CARTIF Technology Center

09:30 am - 10:30 am

Lesson: Collaborative distributed Software Platform for Cultural

Natural Heritage

Edoardo Patti, Politecnico di Torino, DAUIN

10:30 am – 10:45 am

Break

10:45 am - 11:45 am

Lesson: Collaboration to support community initiatives around

Cultural Heritage and Landscapes

Willeke Wendrich, Cotsen Institute of Archaeology, UCLA Los Angeles

11:45 am – 01:00 pm

Lesson: Participation in Cultural Natural Heritage for societal wellbeing

Giulia Mezzalama, Politecnico di Torino, DIST

01:00 pm - 02:00 pm

Lunch break

02.00 pm - 06.30 pm

Collaborative Teamwork on case studies





FRIDAY JULY 1

Castello del Valentino, Room 6V

08:30 am - 09:30 am

Lesson: Introduction to Digital Surveying and Co-creation:

Landscape Connect

John Martin, University of Plymouth

09:30 am - 01:00 pm

Workshop: Landscape Connect John Martin, University of Plymouth

01:00 pm – 02:00 pm Lunch break

02.00 pm - 02.45 pm

Lesson: European Cultural Routes: Enhancing Rural Heritage Luisella Pavan-Woolfe, Council of Europe

02.45 pm – 06.30 pm Collaborative Teamwork on case studies

DEPARTURE DAY JULY 2

Castello del Valentino, Room 6V

08:30 am - 11:00 am
Preparing presentation of final outcomes

11:00 am - 11:15 am Break

11:15 am – 01:00 pm
Presentation of the final outcomes

01:30 pm – 03:00 pm Lunch break

03.00 pm – 04:00 pm Final evaluation and certification



PEOPLE

Directors

Professor Rosa Tamborrino, Politecnico di Torino Professor Willeke Wendrich, University of California Los Angeles – UCLA

Organizing committee

Pelin Bolca, Politecnico di Torino, DIST Giulia Mezzalama, Politecnico di Torino, DIST

Teaching committee

Zahra Amirzada, UNESCO, Paris Francisco Barrientos, CARTIF Technology Center Claudia De Luca, University of Bologna Mesut Dinler, Politecnico di Torino, DIST Babis Fassoulas, University of Crete and Psiloritis Geopark

Augusto Grinzi, Progetto Integrazione Accoglienza Migranti, PIAM Noam Obermeister, Center for System Solutions-CRS

John Martin, University of Plymouth Giulia Mezzalama, Politecnico di Torino, DIST Edeardo Patti, Politecnico di Torino, DAUIN Luisella Pavan-Woolfe, Council of Europe Irina Pavlova, UNESCO, Paris Rosa Tamborrino, Politecnico di Torino, DIST Simona Tondelli, University of Bologna, RURITAGE Coordinator

Willeke Wendrich, Cotsen Institute of Archaeology, University of California, Los Angeles

Tutors

Alessandro Aliberti, Politecnico di Torino, DAUIN Farzaneh Aliakbari, Politecnico di Torino, DIST Pelin Bolca, Politecnico di Torino, DIST Manolis Nikolakakis, University of Crete and **Psiloritis Geopark**

Participants Barış Gün, Kadir Has University Chomkhwan Suvarnananda, Silpakorn University Daisy Vanderlinde Espíndola, Catholic University of Santa Catarina Dingran Chen, Politecnico di Torino Emine Cigdem Asrav, Middle East Techinal University Federica Fiorillo, University of Campania Luigi Vanvitelli Gerard Ley Lico, University of the Philippines German Janus Nino Guidaben, Holy Name University and Golden Gate University Jialiang Shen, Politecnico di Milano Luisa Lombardo, University of Palermo Matei Tichindelean, University of California, Los **Angeles** Michelangelo Ferri, Food Agriculture

Organization

Nadia Raimo, University of Genova Onkanya Intawong, Silpakorn University Phisutthilaksana Boonto, Silpakorn University Pratiti Joshi, Brandenburg University of Technology

Sabrina Sacco, Università degli Studi di Napoli Federico II

Serena Nicolini, Univresity of Bologna Shiyu Qian, Politecnico di Milano Thidima Umpawan, Silpakorn University Tira Buabai, Silpakorn University Tommaso Cherubini, Politecnico di Torino

Graphics and communication

Farzaneh Aliakbari, Politecnico di Torino, DIST

CONTENTS

The summer school is structured by offering different type of teaching activities. Accordingly, all the mornings of the week will be dedicated to lectures and workshops held by the Teaching Committee. In the afternoons, the participants will work in parallel as a group to develop a project by focusing on a specific case study with the teachers and tutors. Three case studies have been defined as Nubia, Asti, Crete. The last day, each working group will present the final outcomes to Teaching Committee and an overall closing discussion will be held.



Learning objectives

- Developing a critical approach to digital tools: Cultural Natural Heritage CNH knowledge building of multi-scale composite contexts (creating links among heritage types, contextualising relations, conceptualising and characterising heritage assets, creating narratives, building information)
- Experiencing collaborative and participatory processes for engaging local stakeholders with digital tools to enhance CNH as a driver of empowerment and resilience
- Applying collaborative digital tools for heritage knowledge and management: RRE (Ruritage Resource Ecosystem) presentation and its tools for CNH-led knowledge building and management (co-mapping and co-building methodologies, digital surveying, gamification..)

WORKSHOP ACTIVITIES

JUNE 26 02:30- 05:00 pm

Welcome by running a scavenger hunt through UNESCO sites in Turin "Digital Turin: Walk, Feel and Know"

Edited by Pelin Bolca



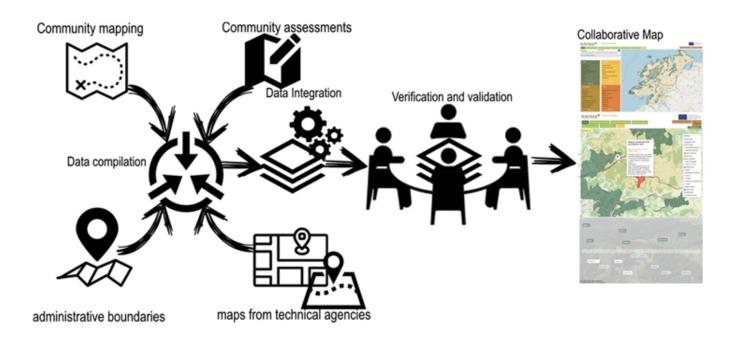
The game "Walk, Feel and Know Turin: Hunting Heritage through UNESCO sites" is an introductory activity of the international summer school "Cultural Heritage in Context. Digital Technologies for the Humanities" organized by POLITO and UCLA. The game is based on the "Actionbound" app, which enables the creation of urban games and was customized for Turin and the subject of the summer school by Pelin Bolca and Naylor Vias Boas in 2019. Using their cell phones, the participants will walk through the streets and squares while trying addressing a series of questions which can only be answered by being present, and actively observe the spaces, buildings and urban dynamics of the town. Through this game, we intent to present the density and richness of the multiple historical layers that constitute Turin of our time.

See the general framework via: https://www.youtube.com/watch?v=4KCPTsTJRas&t=651s For android users: https://play.google.com/store/apps/details?id=de.actionbound&hl=en For apple users: https://apps.apple.com/us/app/actionbound/id582660833

JUNE 27 04:30- 06:30 pm

Collaborative digital mapping: Tangible and Intangible Cultural Natural Heritage Ruritage Atlas

Edited by Mesut Dinler



In the collaborative digital mapping workshop, we will be developing and critically reflecting on approaches to collect, enrich, assess, evaluate, and present information from rural areas through collaborative mapping for the purposes related to generate heritage-led strategies, and we will be experimenting digital co-mapping tools considering and reflecting on how certain tools may function best for a certain purpose whereas they may pose problems for other purposes.

Ruritage resourse ecosystem: https://ruritage-ecosystem.eu/atlas_intro

Experiencing and Implementing Collaborative Digital Tools

Edited by Zahra Amirzada, UNESCO, Paris and Irina Pavlova, UNESCO, Paris



The workshop includes an interactive group exercise on the co-creation process of digital tool development based on case studies, including i) stakeholder identification and engagement, and ii) definition of user needs and system requirements. The workshop will comprise brainstorming sessions in groups, followed by short presentations of main ideas, and a final discussion with all participants.

Collaborative Serious game creation

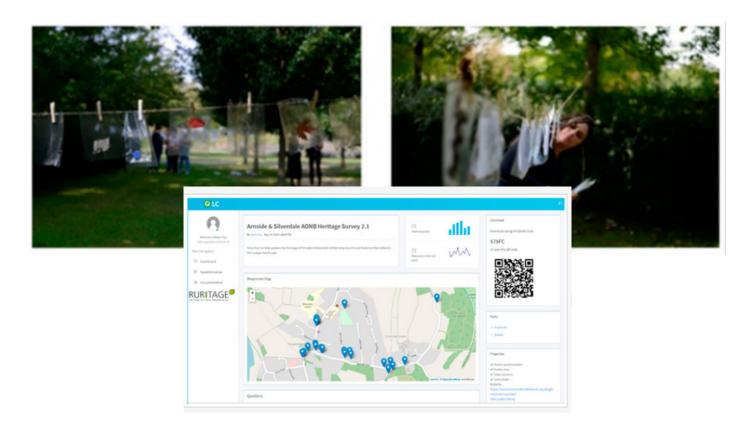
Edited by Noam Obermeister



In our workshop, we'll be learning more about social simulations; what they're for, how they work, and how to design one particular type. The first part of the workshop will be more theoretical with a presentation on social simulations (or policy simulations) in general. The second part will involve playing an existing game on the future of rural areas. After a debrief, the third part will focus on your respective case studies. In small groups, you'll start designing a social simulation of your own. I look forward to meeting you all soon!

Links:

https://socialsimulations.org/ https://systemssolutions.org/ Edited by John Martin



The workshop will examine the result from the Landscape Connect exercise and allow the students to use the app within the local area. The workshop will explore a digital approach to the Walking Maps tool. The Walking Maps method is a participatory workshop approach organized around walking which highlights the human-environment (heritage) interaction. Walking in this context is both a tool to facilitate an interactive approach to the environment (heritage), "expanding beyond generalized description, and as a metaphor calling for discursive and narrative reflection on the shared questions." Martin et al 2021.

Resource:

https://ruritage-ecosystem.eu/culttool Walking Maps - Cult-Rural Toolkit, Ruritage - YouTube

CASE STUDIES

Case study 1: Digital Nubia

Since ancient times, Egypt has been an agricultural landscape, hemmed in by the desert. Each year in late Summer the River Nile flooded its valley and left a thick layer of fertile mud when it retreated between its banks. The inundation was so regular that the ancient Egyptian calendar was based on three periods of four months, representing the flood, growth and dry seasons. In 1904 a dam was built in the Nile, enabling the English colonizers to regulate the Nile flood and have two instead of one harvest per year. A much higher dam was built in the early 1960's flooding hundreds of kilometers of the valley south of Aswan. This was the land of Nubia, with its own language and culture. The population of Egyptian Nubia was forcibly resettled in government-built houses in a desert area north of Aswan. UNESCO organized a large campaign to "rescue" the cultural heritage of Nubia, an enormous undertaking that resulted in the physical move of large stone temples to higher ground and even to four cities outside Egypt, among which Turin.

Although an anthropological study was made of the way of life of the Nubian people in the 1960's, the voice of Nubians is mostly still missing in the narrative of this loss of landscape, cultural and natural heritage. The Digital Nubia project hopes to help record, collect and represent information on the drowned landscape of Nubia and its heritage. The agency of the Nubian community, the people who lived through the events, but also the second and third generations, will be central in the project. During the summer school we will discuss the types of materials and ways to enable access to different groups of stakeholders.

Some of the questions we will address: What are the concerns of different stake holders, what are their needs (indigenous approaches, tourist interests, government control). How can we combine and give access to stories, images, video, audio and three-dimensional VR models using existing platforms. How might Nubian cultural and natural heritage concerns be the same or different from those in other parts of the world. The Temple of Ellesiya in Museo Egizio in Turin (we'll go and visit) has been moved from Nubia as a thank you for Italian efforts in recording the Nubian archaeology. Whose cultural heritage is this?

The site of the Temple of Amada and Derr as well as the Tomb of Pennut. Lake Nasser, Egypt

By Dennis Jarvis from Halifax, Canada - Egypt-9B-007, CC BY-SA 2.0, https://commons.wikimedia.org/w/index.php?cu-rid=22604758





Case study 2: Psiloritis UNESCO Global Geopark, Crete in Greece

Psiloritis UNESCO Global Geopark is located on the central part of Crete in Greece. The landscape is of superb geodiversity, with a great variety of volcanos and different geological ages. With a wide range of animals, plants as well as antiquities and intangible oral history the area offers a unique natural and cultural heritage. Psiloritis is still a living area with small rural towns and sustainable local food production. Local businesses have through networking created a local quality label to distingue products and services from the area.

Psiloritis offers opportunities for both recreation and education for all ages and abilities. Visitors have a wide range of choices when it comes to sport and leisure. In collaboration with the Natural History Museum of the University of Crete, the Geopark provide numerus educational activities daily. There has been research to increase resilience with the help of natural and cultural heritage. For the inhabitants in Psiloritis, resilience training has been provided as well as toolkits.

The hub of Psiloritis is located at the Natural History Museum of Crete of the University of Crete (NHMC) which is also the scientific coordinator of the geopark. Actions and meetings will be located at different villages, among them Anogia where the geopark headquarter is situated. The facility in Anogia, offers the possibility to practice and train resilience to the community in an area scared from past disasters. The obvious remembrance of previous hazards provides useful case studies for sustainable training and development. At the same time, the collaboration with the museum complements Anogia with exhibitions, tools and displays for the resilience training.

https://www.ruritage.eu/role-models/crete/

https://www.psiloritisgeopark.gr/en/fysiko-parko-psiloriti-pagkosmio-gewparko-unesco/

https://tours.nhmc.uoc.gr/geo/psiloritis/en/

https://www.psiloritisgeopark.gr/en/for-the-visitors/





CASE STUDY 3: Migrants Hospitality in the Asti Province, PIAM, Italy

The cultural landscape of Asti has been recognized for its high heritage value. The long tradition of wine production has shaped the rural area in all possible aspects, from visual scenery to local businesses, and food and drinks production. To create both a sense of belonging and to attract visitors, there are early festivals focusing on sustainable local gastronomy.

Within the region of Asti there are multiple examples of protected nature areas with high environmental values as well as inestimable medieval villages. Alongside with the substantial agricultural sector, the need for workers has been requested. As a solution the PIAM is safeguarding, conserving and developing sustainably the cultural and natural heritage of the Asti Province through the contribution of migrants. By involving migrants in called for heritage-related projects, it has been possible to boost integration and intercultural-dialogue which has led to further community inclusion.

PIAM offers two hubs, representing the good practices which made them role models for RURITAGE. Both hubs are examples of abandoned and neglected buildings with high cultural value which have been recovered with direct involvement of asylum seekers. The first one is the ancient Villa Quaglina, an old academy owned by the order of the Oblates of St. Joseph. Villa Quaglina is situated on the Asti countryside while the other hub is found outside the town of Chiusano. Just like Villa Quaglina, the old railway station in Chiusano was restored by the same successful means of involvement of migrants. Today, the latter facilitates a hospitality and integration program for refugees. Both hubs already constitute the potential enhancement of local assets and heritage has for sustainable community development, offering already established and accessible gathering points for stakeholders.

https://www.ruritage.eu/role-models/asti-province/

https://piamonlus.org/





Working Groups

The related working groups have been organized in advancebased on participant's motivation letters, research interests and CV.

Requirements

All activities will be in English and participants will work on their laptops that should have basic drawing software, and MS programs installed in advance.

Digital Nubia

Serena Nicolini, University of Bologna Matei Tichindelean, University of California, Los Angeles Federica Fiorillo, University of Campania Luigi Vanvitelli Nadia Raimo, University of Genova Thidima Umpawan, Silpakorn University Tira Buabai, Silpakorn University Dingran Chen, Politecnico di Torino Daisy Vanderlinde Espíndola, Catholic University of Santa Catarina

Psiloritis UNESCO Global Geopark, Crete in Greece

Emine Cigdem Asrav, Middle East Technical University Chomkhwan Suvarnananda, Silpakorn University Pratiti Joshi, Brandenburg University of Technology Onkanya Intawong, Silpakorn University Jialiang Shen, Politecnico di Milano Gerard Ley Lico, University of Philippines Sabrina Sacco, Università degli Studi di Napoli Federico II

Migrants Hospitality in the Asti Province, PIAM, Italy

Tommaso Cherubini, Politecnico di Torino
Michelangelo Ferri, Food and Agriculture Organization
Phisutthilaksana Boonto, Silpakorn University
Baris Gun, Kadir Has University
Shiyu Qian, Politecnico di Milano
German Janus Nino Guidaben, Holy Name University and Golden Gate University
Luisa Lombardo, University of Palermo

LOCATIONS

Castello del Valentino

Suburban mansion and residence riverside of the court since the sixteenth century, the Castello del Valentino belongs to the serial site "Residences of Royal House of Savoy" inscribed in the UNESCO World Heritage List in 1997.

On the left bank of the river Po, south of Torino's walls, there was a settlement called the "Valentino". The estate was bought by the Duke of Savoy Emanuele Filiberto in 1564, after his taking possession of Torino later the Cateau-Cambrésis Treaty. The first works began upon commission of the Duke and of his successor Carlo Emanuele I. In 1619, after the wedding between the prince Vittorio Amedeo and Cristina di France, the palace became property of Cristina. The young princess commissioned the engineer Carlo di Castellamonte to re-designed the villa as maison de plaisance built on the model of French pavillon systéme. The drawings of early seventeenth century present an image of the palace facing to the Po, with a grand salon at the center of the symmetrical body ended by two high pavilions. The side of the river presents a forepart to show the symmetry of the entire composition. Towards the city, it was built a new double staircase at the entrance which led on to the loggia with direct access to the grand salon, at the centre of two flats. Amedeo di Castellamonte, after having working alongside his father Carlo on many royal architectural projects, was ready to succeed him in 1640; at the Valentino, he was able to follow the request of Cristina who became, after his husband died, the first Madama Reale In 1645-1646, the two courtyard pavilions were been completed and connected with two parallels wings with porticos and an exedra (a horseshoe shaped walkway which closed the courtyard), shot down in nineteenth century. All the rooms on the ground floor were simply plastered, while magnificent decoration including elaborate stucco-works and paintings were done for the salons on the floor above. The artists were plasterers, painters and sculptors who came from Ticino and lake Lugano. The apartment in the south, called «Madama Reale», shows precious ornaments and gilded stucco-works completed by Isidoro Bianchi, who had already been involved in other Savoy architectural projects such as Rivoli and the palace in the city (now Royal Palace) and by his sons Pompeo and Francesco.



In the five rooms and in the cabinet which made up the apartment for the prince Carlo Emanuele, towards Torino, there is a perfect harmony between the white stucco-works and paintings carried out by Alessandro Casella and his cousins Giacomo and Giovanni Andrea, then employed at Venaria Reale, and by Giovanni Paolo Recchi. During the Napoleonic wars, the army took possession of the Valentino. In 1850, the transfer of property of the land to the Crown to the State led to set up a new public park, destined to the loisir of bourgeoisie, inaugurated in 1858 with the Esposizione Nazionale dei Prodotti di Industria approved by Camillo Benso di Cavour and prepared into the Castello del Valentino, restored by Luigi Tonta and Domenico Ferri. The terraces linking the pavilions were replaced, in historicist language, with two new large galleries, reversing the main facing towards the river and creating a new relationships between this area and the city. The project show the final transition from the idea of palace to the idea, nineteenth-century, of Castello. In 1861, at the Valentino started the first course of Regia Scuola di Applicazione per gli Ingegneri, now Politecnico di Torino.

Castello del Valentino https://castellodelvalentino.po-lito.it/?lang=en.





Viale Mattioli, 39

Camplus

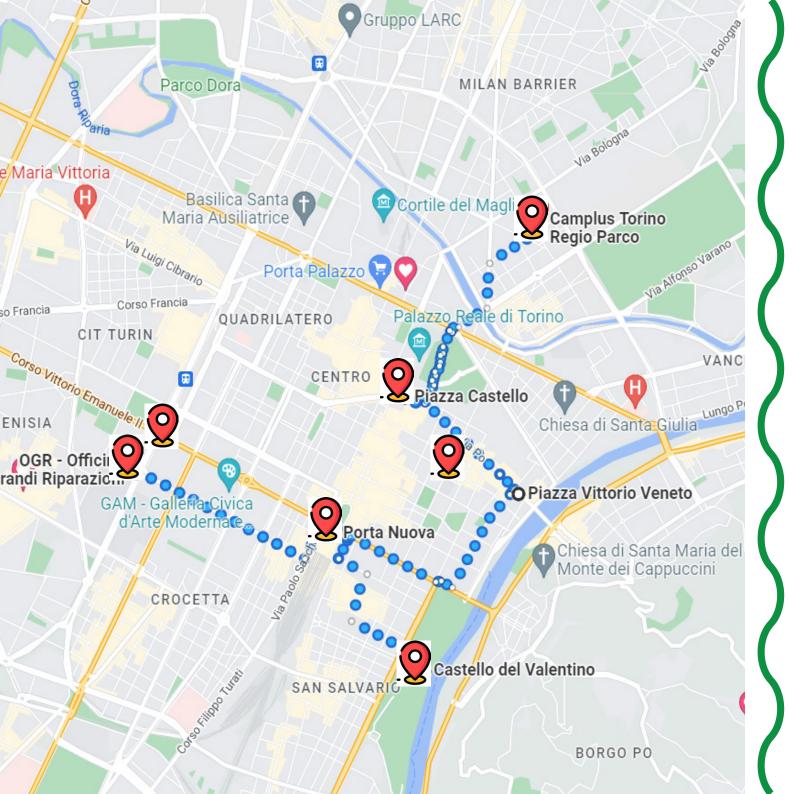
Back in 1980, when I was an off-campus student in Bologna, myself and a group of university colleagues came up with the business idea that is now Camplus. We founded a cooperative to act as an intermediary between landlords and tenants to overcome the obstacles imposed by the so-called "Fair Rent Act" that had recently been passed. In the space of just two years, we had 500 student members. Solid foundations were soon laid to create something new in Italy: allround student support, which also integrated the training aspect. Shortly afterwards, we built our first "college" as we understand it: a true living experience in which the guided community is the beating heart of life at Camplus, the "plus" that continues to make it so much more than just a place to stay.

Camplus was founded to help off-campus university students find a home. Over the years, as we learnt more about this simple need, we discovered that it brought with it a greater desire: to feel at home away from home. That's why Camplus has broadened its horizons by offering a place where students, young professionals and travellers can feel like individuals, even for a single night, and let their full personality emerge just like at home. Beautiful, safe places, each with their own distinctive character, where you will be met by teams ready to support and serve living communities.

Link: https://www.campluscollege.it/residenze-universitarie/torino/regioparco/

Via Perugia, 45





HOW TO REACH TURIN?

From Turin-Caselle Airport:

SADEM bus to Turin Porta Susa train station, runs every 30 minutes. A one-way ticket can be purchased at the airport for \le 6,50 (or \le 12 return), or with cash on the bus for \le 7,50. Some buses continue on to Turin Porta Nuova.

From Milan - Malpensa Airport: SADEM bus to Turin Porta Susa train station, runs every 2 hours, but not late at night.

URBAN TRANSPORTATION

For public transportation travels, you will need an urban ticket that this is valid for both buses and the one-line Turin metro. One trip ticket costs 1,70€ and is valid for 100 minutes. Each ticket allows you to change bus/metro lines without extra fees. You can purchase single-journey or daily tickets (4,00 €) at the automatic vending machines installed at Metro Stations or at any tobacconist shops/kiosks (Tabacchi). For more information, you can visit the GTT website at the following link: http://www.gtt.to.it/cms/en/ fares. You can also download the GTT Mobile -APP on your device for more information about lines and routes or planning your personal journey. The App is available for both Android and Apple users.



PRINCIPAL PUBLIC TRANSPORTATION STOPS FOR REACHING THE SUMMER SCHOOL'S VENUES

Sunday, June 26

SNODO RESTAURANT, OGR (Corso Castelfidardo, 22) http://www.snodo.com

NEAREST METRO/TRAIN STOP: PORTA SUSA PRINCIPAL BUS/TRAM: Line 9, Line 16

FROM PORTA NUOVA: Metro from PORTA NUOVA to PORTA SUSA (direction FERMI). Then, along Corso Inghilterra and then Corso Castelfidardo

FROM CASTELLO DEL VALENTINO: Tram n. 9 (from the stop VALENTINO to the stop VINZAGLIO). Then, walk along Corso Vittorio Emanuele and then Corso Castelfidardo

FROM LINGOTTO: Metro from LINGOTTO to PORTA SUSA (direction FERMI) Then, walk along Corso Vittorio Emanuele and then Corso Castelfidardo

FROM PORTA SUSA: From the Porta Susa Train Station, walk along Corso Inghilterra and then Corso Castelfidardo

Monday, June 27 Thursday, June 28 Wednesday, June 29 Tuesday, June 30 Friday, July 1

CASTELLO DEL VALENTINO (viale Pier Andrea Mattioli 39) http://castellodelvalentino.polito.it

NEAREST METRO/TRAIN STOP: MARCONI PRINCIPAL BUS/TRAM: Lines 9, 16, 18, 67

FROM PORTA NUOVA: Tram n. 9 (from the bus stop: PORTA NUOVA to the bus stop:(VALENTINO)

FROM PORTA SUSA: Metro from PORTA SUSA to MARCO-NI (direction LINGOTTO), walk along Corso Marconi to the Castello del Valentino

FROM LINGOTTO: Metro from LINGOTTO to MARCONI (direction: FERMI) walk along Corso Marconi to the Castello del Valentino

FROM POLITECNICO DI TORINO: Tram n. 16CS (from the stop CORSO DUCA DEGLI ABRUZZI to the stop VALENTI-NO)



Saturday, July 2

CASTELLO DEL VALENTINO (viale Pier Andrea Mattioli 39) http://castellodelvalentino.polito.it

NEAREST METRO/TRAIN STOP: MARCONI PRINCIPAL BUS/TRAM: Lines 9, 16, 18, 67

FROM PORTA NUOVA: Tram n. 9 (from the bus stop: PORTA NUOVA to the bus stop:(VALENTINO)

FROM PORTA SUSA: Metro from PORTA SUSA to MARCO-NI (direction LINGOTTO), walk along Corso Marconi to the Castello del Valentino

FROM LINGOTTO: Metro from LINGOTTO to MARCONI (direction: FERMI) walk along Corso Marconi to the Castello del Valentino

FROM POLITECNICO DI TORINO: Tram n. 16CS (from the stop CORSO DUCA DEGLI ABRUZZI to the stop VALENTI-NO)



Sunday, June 26

02:30 Pm

Meeting Point: OGR - Officine Grandi Riparazioni Corso Castelfidardo, 22

05:30 Pm

Aperitivo: OGR - Officine Grandi Riparazioni Corso Castelfidardo, 22

07:30 Pm

Welcome Dinner: 4 soldi Restaurant Corso Castelfidardo, 7

Monday, June 27

01:00 Pm Lunch: Cibo Container Corso Guglielmo Marconi, 33

Thursday, June 28

01:00 Pm Lunch: Cibo Container Corso Guglielmo Marconi, 33

08:00 Pm

Dinner: La Badessa

Piazza Carlo Emanuele II, 17



PAST EDITIONS





Summer School 2017



Summer School 2018



To know more about pas editions http://digitalhumanitiesforculturalheritage.polito.it/





Summer School 2019





PROFILES

Rosa Tamborrino



Scientific Responsible for Politecnico di Torino (POLITO) and full professor teaching Digital History. PhD in History and Critics of Architectural and Environmental Heritage (1993), Rosa Tamborrino is full professor in architectural history at the Interuniversity Department of Regional and Urban Studies and Planning (DIST) of Politecnico di Torino (POLITO) where she teaches Digital History. She is the POLITO Scientific Responsible in the professional Master programme "Heritage for rural regeneration". She is an expert in urban and environmental history in its relations with cultural heritage, cultural landscapes, and memories, and the use of digital technologies for promoting culture in society. She has been Professeur Invitée at the École des Hautes Études en sciences sociales in Paris and Visiting Professor at the University of California, Los Angeles. In the H2020 project RURITAGE she is the leader of the development of the of the RURITAGE Atlas and the of WP5 for the digital resources ecosystem platform and responsible; Tasks Leader in the H2020 project SHELTER on resilience of historic areas for the activity of Cultural Heritage categorisation for disaster risk management analyses and local knowledge methodologies; PI of the MNEMONIC project on cultural and natural heritage response to COVID19 crisis. She serves currently as President of the Italian Association of Urban History (AISU); member of the scientific committee of the Musées d'histoires et de sociétés de la Ville de Lyon; member of the City History Museum and Research Network of Europe based at Museum of Barcelona, member of the Doctoral Committee in Architectural and Landscape Heritage at POLITO and director since 2016 of the POLITO/ DIST-UCLA/Cotsen Institut of Archaeology Joint Summer School 'Cultural Heritage in Context, Digital technologies for the Humanities' with Willeke Wendrich (UCLA); Author of over one hundred publications.

BIO



Willeke Wendrich



Willeke Wendrich (PhD 1999, Leiden University, the Netherlands) holds the Joan Silsbee Chair in African Cultural Archaeology and is professor of Egyptian Archaeology and Digital Humanities in the Department of Near Eastern Languages and Cultures at UCLA. She has worked for 30 years in Egypt, has directed an archaeological project in Ethiopia. Her research interests are settlement archaeology and ancient craftmanship, with a strong focus on ethnoarchaeology and community archaeology. From 2012 to 2016 she was the Director of the Center for Digital Humanities and presently she directs the Cotsen Institute of Archaeology at UCLA. She is the President of the International Association of Egyptologists, the Editor-in-Chief of the online UCLA Encyclopedia of Egyptology, and Board member of the Institute for Field Research. Her latest books are Archaeology and Apprenticeship (University of Arizona Press, 2012) and The Desert Fayum Reinvestigated (CloA Press, 2017).

Alessandro Aliberti

BIO



Alessandro Aliberti received both B.S. and M.S. degrees in Cinema and Media Engineering at Politecnico di Torino. During his academic experience, he started working in a big Italian communication company and then in the automation and control systems area. In January 2016, he joined the Department of Control and Computer Engineering at Politecnico di Torino as Research Assistant and then as PhD Candidate. Then, in 2020, he receives his PhD degree. Moving toward smart and sustainable energy use, his research activities are mainly focused on designing and developing methodologies, software tools, models and sensor networks that can mitigate the temperature effects on digital electronics circuits to improve the knowledge in the field of IoT and Smart Systems and Cities.





Zahra Amirzada



Zahra Amirzada is an international project coordinator for Disaster Risk Reduction and Resilience. At Heidelberg University's Centre for the Environment she coordinated the launch of a global, multi-stakeholder research initiative on climate change adaptation. With a specialization in experimental and numerical modeling of natural hazards, she has worked at the Helmholtz Laboratory for Tectonic Modelling of the German Research Centre for Geosciences and at Utrecht University's Rock Mechanics Laboratory. Zahra currently co-manages UNESCO's contributions to large-scale H2020 projects within the Natural Sciences Sector, including RURITAGE project.

She is a Ph.D. student at the Interuniversity Department of Regional and Urban Studies and Planning, Polytechnic University of Turin (POLITO) with a Master of Science degree in architecture for the sustainable project. She discussed a thesis focusing on the sustainable development goals (SDGs), in particular SDG 3, 4, and 11 which emphasize the importance of wellbeing in the scholastic environment. After having specialized in the sustainability course, she continued her research with a focus on the Digital Humanities associated with cultural heritage. Since 2020, she is working in the area of digital history utilizing digital approaches and technologies applied to the cultural and natural heritage. She has collaborated with POLITO team in the European Research Project Horizon 2020 Heritage for Rural Regeneration (RURITAGE) and Contributed to the development of the digital ATLAS of RURITAGE resource ecosystem. Her Ph.D. research focuses on the Digital & Heritage studies led urban and regional developments. She is an expert in AutoCAD, Revit, QGIS, ArcGIS Pro, Lumion, Adobe Muse, Photoshop, Illustrator, InDesign, SketchUp. Moreover, she is professional in four languages: Arabic, Persian, English, Italian.

Francisco Barrientos

Computer science engineer at CARTIF. MSc. Research on Systems and Process Engineering and Computer Science. He is focused on computational intelligence, data mining & analytics, and machine learning, applied to infrastructures and cultural heritage sectors. He is currently senior researcher at CARTIF. Author or co-author of 18 scientific papers, including impact publications, has been participating in more than 30 national and international RTD projects and commercial contracts. In addition, he is evaluator of national and regional RTD proposals and reviewer for international journals.



Pelin Bolca



Pelin Bolca, PhD in Architecture and Landscape Heritage program at Politecnico di Torino (POLITO) and works as a researcher affiliated in POLITO-DIST. She has collaborated with École des hautes études en sciences sociales (EHESS) in Paris as an invited researcher in Centre de Recherches Historiques (CRS). Since 2018 works as a teaching assistant of "Digital History" course of Architecture for Sustainable Design Master Program of POLITO and, the joint international summer school entitled "Cultural Heritage in Context. Digital Technologies for the Humanities" organized by POLITO and UCLA. Her research area focuses on the knowledge exchange between European and non-European contexts in the heritage-related decision processes that affect tangible and intangible cultural heritage of historic cities and their inhabitants

Claudia De Luca



Claudia de Luca (PhD) is a Junior Assistant Professor of the Department of Architecture, Alma Mater Studiorum, University of Bologna. She is an Environmental scientist (MSc) by training, now focusing on sustainable planning and urban and rural regeneration processes. At the moment, she works on two main research topics: rural regeneration and development through nature and heritage-based strategies, and on the role of ecosystem services to ensure sustainable and just development of urban areas. Involved in the Planning and Regeneration research group, she is actively involved in several H2020 project, specifically in the coordination of the RURITAGE project, leading the work around case studies heritage-led regeneration co-development and implementation.

Mesut Dinler



Mesut is an assistant professor in The Interuniversity Department of Regional & Urban Studies and Planning at the Politecnico di Torino. He received his PhD in Architectural and Landscape Heritage Program at the Politecnico di Torino. He was involved in various international conservation projects including projects managed by the Getty Conservation Institute, the Association for the Protection of Cultural Heritage, Historic Charleston Foundation with US/ ICOMOS. Currently, he is involved in the management of heritage-related research projects including those funded by the European Commission. He is the 2022 ICCROM fellow. His research interests include political and social role of cultural heritage, urban and architectural history, digital humanities, and he published around these themes in journals Urban History, Sustainability, J. of Cul. Her. Mngmt. and Sust. Dev., Archistor, Inst. Jour. of Hist. Archaeology, Aistarch. The author of the book 'Modernization through Past'.





Charalampos Fassoulas



Special Teaching staff at University of Crete, Greece; Curator of Geological and Paleontological Collections, Head of Geodiverisity dep., Natural History Museum of Crete. Diploma in Geology, PhD thesis in Structural Geology. Special Teaching staff at University of Crete, Greece; Curator of Geological and Paleontological Collections, Head of Geodiverisity dep., Natural History Museum of Crete. Member of many International and Greek geological and environmental Associations and Societies. Contribution as Coordinator or researcher in more than 30 scientific and applied projects, and also in many studies related to geology, geoconservation, geomorphology, geo-hazards and rural development. Author or coauthor in more than 120 scientific and popular publications or proceedings volumes; Reviewer in several international journals. Other affiliations/skills: Vice Coordinator of European Geoparks Network; Coordinator of Hellenic UNESCO Geoparks Forum; Member of Committee on Geoparks of the Hellenic National Commission for UNESCO; Scientific Coordinator of Psiloritis UNESCO Global geopark; Authorised Trainer for Adult Education by the National Centre for Training Certification of Greece; English language (C1 level), German (A1).



Noam Obermeister



As Science-Policy Expert and Facilitator I am involved in simulation development, as well as workshop design and delivery. For the Centre for Systems Solutions, I act as a sounding board on all matters related to science-policy, and policy in general. On the side, I am writing up the final bits of my PhD on the learning experiences of science advisers in the UK. In my spare time, I like a challenging board game, cooking and culinary expeditions, and the occasional hiking excursion.

BIO



John Martin



Head of Research Support and Development at the University of Plymouth. Dr John Martin, BSc, MSc(Dist.), PhD, Sustainable Earth Institute, University of Plymouth. John's research focuses specifically on interdisciplinary approaches to landscape (urban and rural) assessment and monitoring. This includes the mapping and valuation of culture ecosystem services. John uses various mapping techniques ranging ubiquitous technology tools (Apps, PQGIS), participatory workshops and remote sensing methods. In addition to his teaching and research duties he is also the Head of Research Strategy and Governance.

Giulia Mezzalama



Giulia Mezzalama is an assistant professor in The Interuniversity Department of Regional & Urban Studies and Planning at the Politecnico di Torino (Italy), where she received her PhD in History and Critics of Cultural Natural Heritage Program. Her research interests include the role of cultural heritage in social innovation processes, urban and architectural history, and digital humanities. She is founder and director of MinD Mad in Design, an Italian cultural association promoting social innovation projects for mental health. Currently, she is involved in the management of heritage-related international research projects and she coordinates national research-action projects on collaborative and inclusive practices for fragile communities. She collaborates with the Cultural Welfare Centre, interdisciplinary center on expertise on Culture and Health.

Nikolakakis Manolis



Diploma as Medical Labs assistant, started as a volunteer in Non-Governmental Environmental Societies and ended up in Natural History Museum of Crete (NHMC) of the University of Crete (UoC) as a lab technician and field worker for more than twenty funded research programs. during 25 vears. At the same time for the needs of his work in the NHMC, he started learning and implementing databases and GIS applications and later started developing websites. For five years now he has been more serious with photography and videography using conventional photographic digital cameras and drones, mostly for capturing landscapes and building virtual tours. Since 2020, he has been working for the Public Relations of the UoC, helping promote and disseminate the University's activities and news, via websites, newsletters, virtual tours, videos and by developing and maintaining a photographic repository for these promotional purposes.



Edoardo Patti



Edoardo Patti received both M.Sc. and the Ph.D. degrees in Computer Engineering at Politecnico di Torino in 2010 and 2014, respectively. During the Academic Year 2014/2015, he was Academic Visiting at the University of Manchester. He is currently Assistant Professor in the EDA group. He is also involved in various European funded projects focused on Smart City. His research interests concern: i) Ubiquitous Computing; ii) Internet of Things; iii) Smart Systems and Cities; iv) Software architectures with particular emphasis on infrastructure for Ambient Intelligence; v) Software solutions for simulating and optimizing energy demand response; vi) Software solutions for energy data visualization for increasing user awareness.licy in general. On the side, I am writing up the final bits of my PhD on the learning experiences of science advisers in the UK. In my spare time, I like a challenging board game, cooking and culinary expeditions, and the occasional hiking excursion.



Luisella Pavan Woolfe



EBorn in Trieste, Italy, Luisella Pavan-Woolfe studied in the U.S.A., Norway, Denmark and graduated in Political Science magna cum laude from the University of Padua. Here she subsequently became assistant professor of Anglo-American law. As an official of the European Commission, she developed new policies and legislation in the areas of environment protection, equality between women and men and people with disabilities. As Social Fund Director she managed funds which support vocational training, employment and education in the European Union. She was the first Director for Equal Opportunities to be nominated by the European Commission. As such she was responsible for the European Union's policy developments in the areas of gender and fight against all forms of discrimination. In 2007 she was appointed Representative to the Council of Europe. As member of staff of the European External Action Service, she opened the European Union Delegation to the Council of Europe. She worked in Strasbourg as the first EU Ambassador to the Council of Europe and head of delegation from 2010 to 2014. Her mandate covered human rights and democratic governance in wider Europe. In Venice, since 2015, she is the Head of the Council of Europe Representation in Italy.





Irina Pavlova



Project Manager at UNESCO Irina Pavlova is a specialist in environmental sciences, climate change and natural hazards. Her scientific background is based on the experience at the Russian Academy of Sciences (Moscow, Russia) and the National Centre for Scientific Research (CNRS, France). Throughout thirteen years of professional experience, she have been involved in and managed several international multidisciplinary projects on sustainable development, climate change adaptation and disaster risk reduction in different parts of the world. During these ten years, she has worked in Europe, Central Asia, Eastern Asia as well as Latin America. Irina Pavlova is working since 2014 in UNESCO's Natural Sciences Sector. She supports sectional, divisional and cross-sectional activities and initiatives on resilience. At the same time, she has been coordinating activities in EU H2020 funded projects (I-REACT, SHELTER, OPERANDUM and of course RURITAGE).



Simona Tondelli



The first director of the professional Master programme "Heritage for rural regeneration" and full professor of Urban and Regional Planning at the University of Bologna (UNIBO). Environmental engineer and PhD in Building and Spatial Engineering, Simona Tondelli is full a professor of Urban and Regional Planning at the University of Bologna (UNIBO) and Director of the professional Master programme "Heritage for rural regeneration". She has 22 years of research experience in sustainable planning and regeneration. She is head of the Refurbishment and Restoration division of the UNIBO Interdepartmental Centre for Applied Research on Buildings and Construction. Project coordinator of RURITA-GE H2020 project, of MATCH-UP INTERREG EUROPE project, ADRISEISMIC Interreg Adrion project and ECOTALE INTER-REG IVC project, she is also currently partner in one ERA-NET JPI Urban Europe project (SPN), in SEERRI H2020 project, in SHELER H2020 project and many Erasmus+ projects, and is coordinator of many regional/local Research Projects. Vice-Director of the Emilia-Romagna section of the Italian National Urban Planning Institute - INU and Treasurer of the National Urban Planning Institute, she is member of all the main Italian Urban Planning associations (INU, CENSU, SIU), and former President of the Association of the Engineers of the Bologna Province. She is member of the Scientific board of the PhD programme In Architecture and Design Cultures of the Department of Architecture, UNIBO. Author of over 100 publications.

BIO





CONTACTS

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