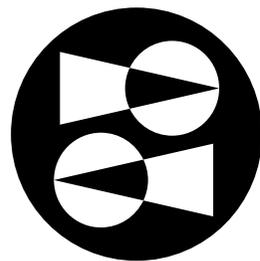


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# Industrial Heritage for a Sustainable Future: Adaptive Reuse

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## University of Ljubljana Summer School on Sustainable Heritage 2023

**26-30 June 2023**

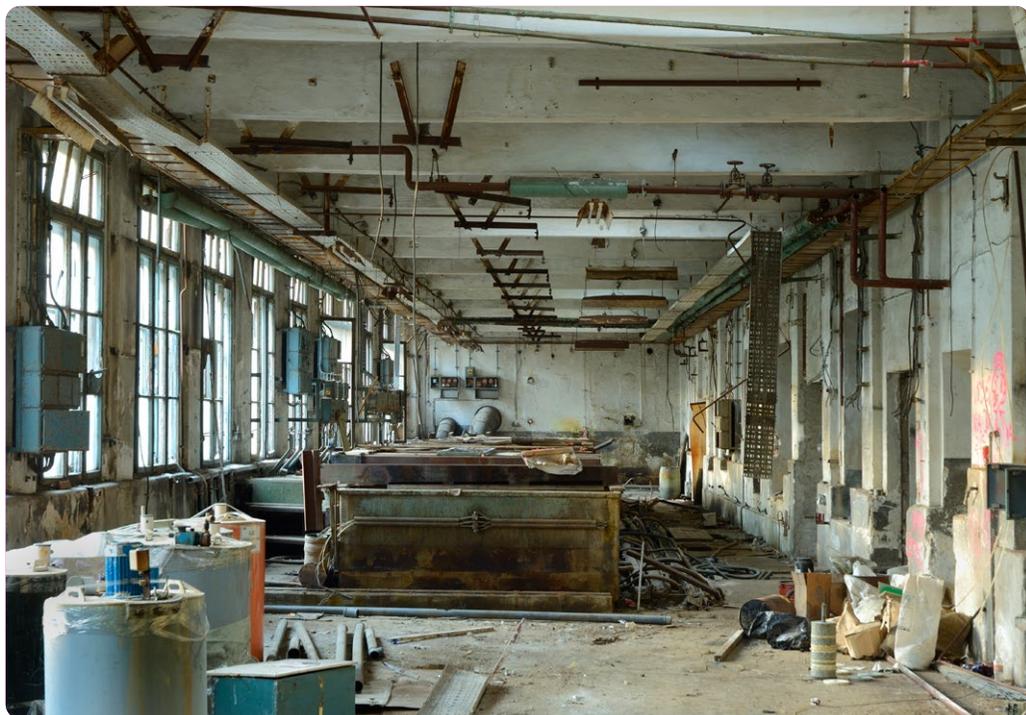
Faculty of Architecture UL  
(hybrid event: Zoom)



INŠTITUT UL  
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Univerza v Ljubljani  
Fakulteta za arhitekturo



The Interdisciplinary Institute of the University of Ljubljana for SustainProtection of Heritage (ITD UL) is organising in cooperation with ICOMOS Slovenia the third Summer School on Sustainable Heritage entitled Industrial Heritage for a Sustainable Future: Adaptive Re-use.

This year's summer school focuses on how to comprehensively and interdisciplinary research both the tangible remains and intangible components of industrial heritage and how to integrate them into contemporary sustainable development through adaptive reuse. We will be looking for answers to the following questions:

Why is industrial heritage important?

Why are industrial heritage sites also a development and regeneration resource?

How does industrial heritage focus on inclusive participation?

How to guide the tailored re-use of brownfield sites for a sustainable and equitable future?

### **Why?**

Industrial heritage is a key witness to the development of society over the last two centuries. Technological solutions and new knowledge have influenced the development of complex buildings, guiding the development of entire areas and dictating urbanisation. Today, these buildings and sites bear witness not only to the changes in the way we work and use technology, but also to the discussion on the transformation of life.

Once the production has ended, industrialisation spaces remain a heritage resource, which also represent a spatial potential and an opportunity to accommodate the contents that will develop and enrich urban and other environments.

In order to preserve the authenticity of industrial spaces, renovation and re-use needs to be properly planned and take into account the heritage quality. New uses must be adapted to the heritage – that is why we call the approach adaptive reuse.

### **For whom?**

The Summer School is intended for Master and PhD students, as well as for all professionals who deal with this subject in practice: experts in the field of heritage protection, architecture and urban planning, representatives of local communities and decision-makers on all levels.

### **Way of working**

The Summer School will be held in a hybrid format: all lectures and thematic workshops will take place via the Zoom online platform and live at the UL Faculty of Architecture, while the afternoon sessions will be held only live at the Faculty and at the Railway Workshops in Ljubljana.

Active participation is foreseen for all participants. All who would like to present challenges related to industrial heritage from their own environment within the framework of the thematic workshops are cordially invited to participate. The length of the presentation should be 5-7 min. Please indicate in the Application Form if you wish to present a problem from your own environment during the thematic workshops and send us a 5-page presentation proposal in ppt or pdf format to [trajnostna.dediscina@fa.uni-lj.si](mailto:trajnostna.dediscina@fa.uni-lj.si) by 22<sup>nd</sup> June 2023.

## Lecturers

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Renowned international and Slovenian experts in the field of industrial heritage will lecture and mentor the participants of the Summer School. The keynote speaker and mentor will be Dr. Miles Ogelthorpe, President of The International Committee for the Conservation of the Industrial Heritage – TICCIH, who will talk on how to make industrial works for a sustainable future.

The other keynote lecturers are Grethe Pontoppidan, architect and vice president of the International Heritage of the 20<sup>th</sup> Century Committee 20. – ISC20C ICOMOS who will, in her keynote lecture, present the Historic Thematic Framework ICOMOS ISC20C; Assoc. Prof. Dr. Mojca Marc, Faculty of Economics, University of Ljubljana who will focus on the economy of heritage; Ms. Tatjana Dizdarević, Director of the Mercury Heritage Management Centre in Idrija who will focus on participatory management and Assoc. Prof. Dr. Sonja Ifko, Head of ITD UL, Faculty of Architecture, University of Ljubljana who will talk on the preservation of integrity and authenticity in adaptive reuse planning.

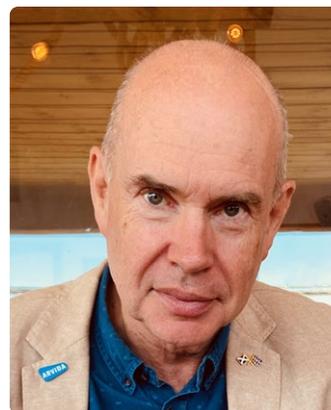
## Dr. Miles Ogelthorpe

Dr. Miles Ogelthorpe has been a board member of TICCIH (The International Committee for the Conservation of the Industrial Heritage) since 2003, and was elected president at its congress in Santiago, Chile in 2018. He is also head of Industrial Heritage at Historic Environment Scotland, the national body responsible for built heritage in Scotland.

A graduate of Durham University, he completed his PhD at the University of Glasgow, subsequently moving to Strathclyde University's Scottish Industrial Archaeology Survey Unit in 1983. In 1985 he joined the Royal Commission on the Ancient and Historical Monuments of Scotland in Edinburgh, from where he moved to the Scottish Government heritage agency, Historic Scotland, in 2007.

He has worked with international partners on industrial heritage, notably in Norway and Japan, and led the team responsible for preparing the successful World Heritage nomination for the Forth Bridge in 2015. He also advises ICOMOS on industrial World Heritage related issues, and recently he has been focusing on industrial heritage in the Middle East.

He has edited, authored and co-authored a number of books and papers relating to industrial heritage, focusing on energy in particular. Of these, his book, *Scottish Collieries: An Inventory of the Scottish Coal Industry in the Nationalised Era* (2006) is the most substantial. Much of his recent energy has been directed at helping TICCIH adapt to the challenges and opportunities created by the CoVid19 pandemic.



**Grethe Pontoppidan**

Grethe is a registered academic architect and Master of Architectural Heritage. Since 2014, she has been running her own practice as heritage professional focusing on 20<sup>th</sup> century built heritage and issues relating to modern built heritage, in Copenhagen, Denmark.

Grethe has over 20 years of experience as a practicing architect in private architectural offices, primarily in Denmark, mainly focusing on technical preservation of buildings. She has studied and worked in France, the UK, Germany and Sweden, and continues to have an international outlook and personal-professional network.

Alongside her professional practice she is also the chairman of the Expert Committee for Modern Heritage under the non-profit Danish heritage organization Landsforeningen for Bygnings- og Landskabskultur, and as such responsible for advising on and recommending post-1940 buildings for national listing. She is a board member of do.co.mo.mo.DK since 2017 and vice president of the ISC20C since 2020.

Grethe's approach is based on the understanding of conservation as a democratic and interdisciplinary management of change that combines a broad, often unconventional toolbox ranging from promotion, research and assessment of heritage sites to public and NGO political engagement, administration strategies and technical interventions and plans. She has raised high-profile public debates on modern heritage in Denmark, including the debate on the Viking Ship Hall, historical concrete and its conservation, and standardized single-family housing from the 1960s. Grethe is well-known in Danish heritage circles. She has a strong network among Danish heritage authorities, universities, construction professionals, major Danish foundations and construction organisations as well as local civil stakeholders, historians and engineers.

**Mojca Marc**

Dr. Mojca Marc is an associate professor of Business Administration at the School of Economics and Business (SEB), University of Ljubljana, a highly regarded triple-accredited institution (EQUIS, AACSB, AMBA). With a background in Finance and a PhD in Economics, she has transitioned to the field of Management Accounting/Controlling and is currently engaged in teaching undergraduate and postgraduate courses on Management Accounting and Economics of Projects. Her research interests are diverse and cover several disciplines, showcasing her multidisciplinary approach. She has a keen interest in organizational performance measurement and management systems, risk management systems as a part of management control, and managers' analytical decision-making preferences in risk management. Her research has been published in several peer-reviewed journals. Currently, she is involved in a number of research projects, including measuring social impact, exploring the interplay between sleep and work, and examining cultural heritage as a source for regenerative economy. Furthermore, she has also served as chair of the SEB Editorial Board since 2013, demonstrating her leadership skills and her commitment to scholarly publishing. She was also appointed editor-in-chief of the Economic and Business Review in 2021, a highly regarded journal in the field.



### Tatjana Dizdarević

Tatjana Dizdarević, a mining engineer by profession, was employed at the Idrija Mercury Mine, Slovenia, for 30 years, 24 years of which she was the head of the Department for Safety at Work. Following the closure of the Idrija Mercury Mine in 2017, she became the director of the Idrija Mercury Heritage Management Centre. The Centre was established by the Government of Slovenia as a public institute for the purpose of ensuring integrated and sustainable management of cultural heritage and natural values related to the mercury deposits in Idrija. In addition to scientific research work and projects in the field of the effects of mercury on the environment and humans, she participated in a work group focusing on the preparation of the nomination “Heritage of Mercury. Almadén and Idrija” on the UNESCO World Heritage List in the period from 2008 until its entry on the UNESCO list in 2012. Since 2013, she has been a member/secretary/chairperson of the national and international Coordinating Committee of the World Heritage transnational serial property “Heritage of Mercury. Almadén and Idrija” and since 2014 she is also the site manager of the World Heritage Site in Idrija. Since 2019, she has held the position of the president of the national Board for World Cultural and Natural Heritage (the board acts as an expert advisory body of the Slovenian National Commission for UNESCO).



### Sonja Ifko

Dr. Sonja Ifko is an architect, associate professor at the Faculty of Architecture, University of Ljubljana. She is head of the University of Ljubljana’s Interdisciplinary Interfaculty Institute for Sustainable Heritage. Her main research areas are architectural and urban heritage of the 19<sup>th</sup> and 20<sup>th</sup> century, urban regeneration and adaptive reuse of industrial heritage sites, and conservation and interpretative presentation of heritage sites. She complements her research with project work in the field of preservation and interpretation of cultural heritage.

She has led several researches in the field of industrial heritage and its sustainable revitalization, among them the Sustainable Strategy of Coal Mine Heritage of the RTH (2018). She organized and led many workshops on the topic of revitalization and reuse of heritage sites in several Slovenian cities and abroad. Currently, she is leading the national basic research project Heritage for Inclusive Sustainable Transformation. She is the author and co-author of several scientific papers and books including Protection and Reuse of Industrial Heritage Sites. Dilemmas, Problems and Examples published by ICOMOS Slovenia in 2018.

She is the president of the Slovenian National Committee of ICOMOS and the national representative of Slovenia in TICCIH. She is a member of the Slovenian National Commission of UNESCO and a member of the Expert Committee for World Heritage at the Slovenian National Commission for UNESCO.



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**Programme**


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**Day 1 Monday, June 26**


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9.00	Registration / Opening of the Zoom meeting
9.30	<b>Welcoming speeches</b> Assoc. Prof. Dr. Sonja Ifko – chair of ITD UL, head of the 2023 Summer School Prof. Dr. Matej Blenkuš – Dean of The Faculty of Architecture, University of Ljubljana (UL) Prof. Alen Ožbolt – Dean of the Academy of Fine Arts and Design, UL Assoc. Prof. Sašo Jerše – Vice-Dean for Scientific Research and Doctoral Studies Prof. dr. Andreja Žgajnar Gotvajn – Dean of The Faculty of Chemistry and Chemical Technology
10.00	<b>Presentation of the Theme of the UL 2023 Summer School on Sustainable Heritage</b> Assoc. Prof. Dr. Sonja Ifko – Faculty of Architecture, UL, ICOMOS Slovenia
10.15	<b>Presentation of the Historic Thematic Framework – ICOMOS ISC20C and the Getty Conservation Institute</b> Grethe Pontoppidan – Vice president ICOMOS ISC20C
10.45	Coffee break
11.15	<b>Keynote lecture</b> <b>Making our Industrial Past Work for a Sustainable Future</b> Dr. Miles Oglethorpe – President of TICCIH, Historic Environment Scotland
12.15	<b>THEMATIC WORKSHOP 1</b> <b>The Multiple Layers and Meanings of Industrial Heritage</b> <b>The Importance of Research on Work Culture and the Role of Workers in Preserving Industrial Heritage: Mura Factory case study</b> Dr. Nina Vodopivec – Institute of Contemporary History, Ljubljana <b>Urban Development and Industrial Heritage Sites: The Case of the Ljubljana Tobacco Factory</b> Assist. Prof. Dr. Miloš KOSEC – Fakulteta za arhitekturo UL, MAO <b>Other case studies by summer school participants*</b> *participants can present problems from their own environment that we will address together

	Individual work
13.45	<b>Presentation of the results of Thematic Workshop 1</b>
14.00	Lunch break
15.30	<b>FIELD WORK</b> <b>Presentation of the Case Study: Railway Workshops in Ljubljana</b> Tatjana Adamič – ZVKDS - Institute for the Protection of Cultural Heritage, ICOMOS Slovenija <b>Introduction of the mentoring group + forming work groups</b> Assoc. Prof. Dr. Sonja Ifko – Faculty of Architecture, UL, ICOMOS Slovenia
16.00	<b>Visiting the site and beginning of the fieldwork</b> Mentors: Miles Oglethorpe, Sonja Ifko, Tatjana Adamič
18.00	Conclusion of the first day

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**Day 2 Tuesday, June 27**


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9.30	Registration / Opening of the Zoom meeting
10.00	<b>Keynote lecture: Abandoned Industrial Heritage as a Sustainable Development Resource</b> Assoc. Prof. Dr. Mojca Marč – Faculty of Economics, University of Ljubljana
10.45	<b>Gladsaxe Industriekvarter, the First Officially Planned Industrial Area in Denmark</b> Grethe Pontoppidan – Vice president ICOMOS ISC20C
11.15	Coffee Break
11.45	<b>THEMATIC WORKSHOP 2</b> <b>How to Research Industrial Heritage</b> <b>Case study New Lanark, Scotland UK</b> Miles Oglethorpe

**Case study Glasalstrup, Hasselagar, Dammark**  
Grethe Pontoppidan

**Case study Coalmine Trbovlje Hrastnik, Slovenia**  
Sonja Ifko

**Other examples by summer school participants\***  
\*participants can present problems from their own environment that we will address together

Individual work

13.30 **Presentation of the results of the Thematic Workshop 2**

14.00 Lunch break

15.30 **FIELDWORK WITH MENTORS**

18.30 Conclusion of the second day

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## Day 3 Wednesday, June 28

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9.30 Registration / Opening of the Zoom meeting

10.00 **Keynote lecture**  
**Preservation of Integrity and Authenticity of Industrial Heritage in Adaptive Reuse Projects**  
Assoc. Prof. Dr. Sonja Ifko – Faculty of Architecture UL, ICOMOS Slovenia

10.45 **Challenges of Ecological Remediation of Former Industrial Sites**  
Prof. Dr. Andreja Žgajnar Gotvajn – Faculty of Chemistry and Chemical Technology, UL

11.15 Coffee break

11.45 **THEMATIC WORKSHOP 3**  
**How to Direct Adaptive Reuse, Who are the Stakeholders**

**Case study Barutana, Kamnik, Slovenia**  
Goran Završnik

**Case study Art Quarter Benčić and other examples in Rijeka, Croatia**  
Kristina Kristina Pandža

**Other examples by summer school participants\***  
\*participants can present problems from their own environment that we will address together

Individual work

13.30 **Presentation of the results of the Thematic Workshop 3**

14.00 Lunch break

15.30 **FIELDWORK WITH MENTORS**

18.30 Conclusion of the third day

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## Day 4 Thursday, June 29

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9.30 Registration / Opening of the Zoom meeting

10.00 **Inclusive Management for the Future of Industrial Heritage: the Idrija Mercury Heritage Management Centre (CUDHg)**  
Tatjana Dizdarević – director CUDHg

11.00 **Activities for industrial heritage in Rijeka – from association to university center, how participate in the process of valorization of industrial heritage, Croatia**  
Prof. Dr. Julija Brajković – mag. Kristina Pandža, Faculty of Arts, University of Rijeka, Croatia

11.15 Coffee break

11.45 **The Past, Present and Future of Industrial Culture: A Young Perspective. The Case of the ID20 Institute.**  
Matevž Straus – ID20 Institute, Idrija

12.00 **Work in groups**  
Preparation of the final presentations

14.00 Lunch break

15.30	<b>Work in groups</b> Preparation of the final presentations
17.30	<b>Presentation of the results of the summer school</b>
18.30	<b>Summary of the UL 2023 Summer School on Sustainable Heritage and awarding certificates of participation</b>
19.00	Closing remarks, reception

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## Day 5 Friday, June 30

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8.00–18.00	Expert excursion to Idrija and visit of World Heritage Sites Mercury Heritage. Almadén and Idrija.
18.00	18.00 Return to Ljubljana, farewell.

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## Additional information and Registration

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### Language

The summer school will be held in English and Slovenian, with English translation provided.

### Certificate

All participants will receive a Certificate of Participation upon completion of the summer school.

### Credits

Participation in the Summer School earns you a certificate of participation and the following credits:

Master's students: 2 KT\* / 3 KT\*\*

Doctoral students of the Architecture programme: 3 KT\* / 5 KT\*\*

ZAPS Members: 11 T\*\*

\*online / \*\*the entire program

### Registration fees

Students of undergraduate and Master's programs	80 €
Employees, doctoral students	190 €
EUTOPIA (UL) students	70 €
Employed, doctoral students of EUTOPIA (UL)	160 €
ICOMOS SI members	160 €
Group 3+	160 € / person

### Payment

Payment needs to be performed prior to registration and a receipt must be attached to the registration form.

BA No: SI56 0110 0603 0707 895

SWIFT: BSLJSI2X

Purpose: "PŠ UL 2023 + name and surname of the participant(s)"  
University of Ljubljana, Faculty of Architecture, Zoisova 12,  
1000 Ljubljana

An invoice will be issued after the service has been provided.

### State budget consumers

If you are a state budget user in the Republic of Slovenia and pay on the basis of a purchase order, please send us a purchase order with the names of the participants of the Summer School 2023 to [trajnostna.dediscina@fa.uni-lj.si](mailto:trajnostna.dediscina@fa.uni-lj.si). An original invoice will be sent to the address you provide on the registration form once the Summer School is completed.

### Application deadline

**15<sup>th</sup> June, 2023**

### Additional information

In the following [link](#)

### Application

You can register for the Summer School using the [online form](#)

Participants need to take care of their accommodation in Ljubljana.

More information in the following [link](#)

Welcome!



**INŠTITUT UL  
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**ICOMOS Slovenija**

*Univerza v Ljubljani  
Akademija za likovno umetnost in oblikovanje*

*Univerza v Ljubljani  
Fakulteta za arhitekturo*



*Univerza v Ljubljani  
Filozofska fakulteta*

*Univerza v Ljubljani  
Fakulteta za kemijo in kemijsko tehnologijo*



Additional info  
and application

