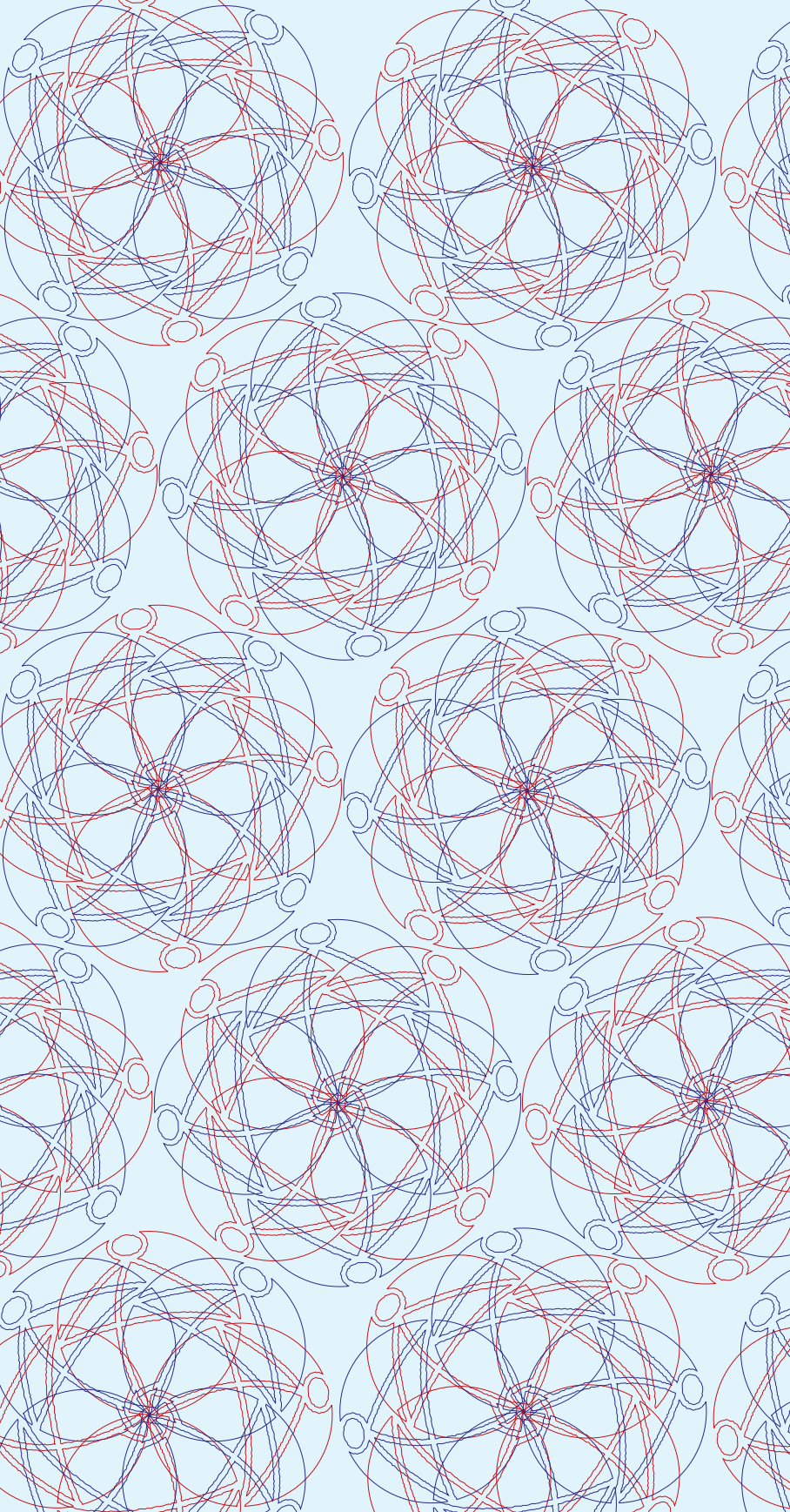


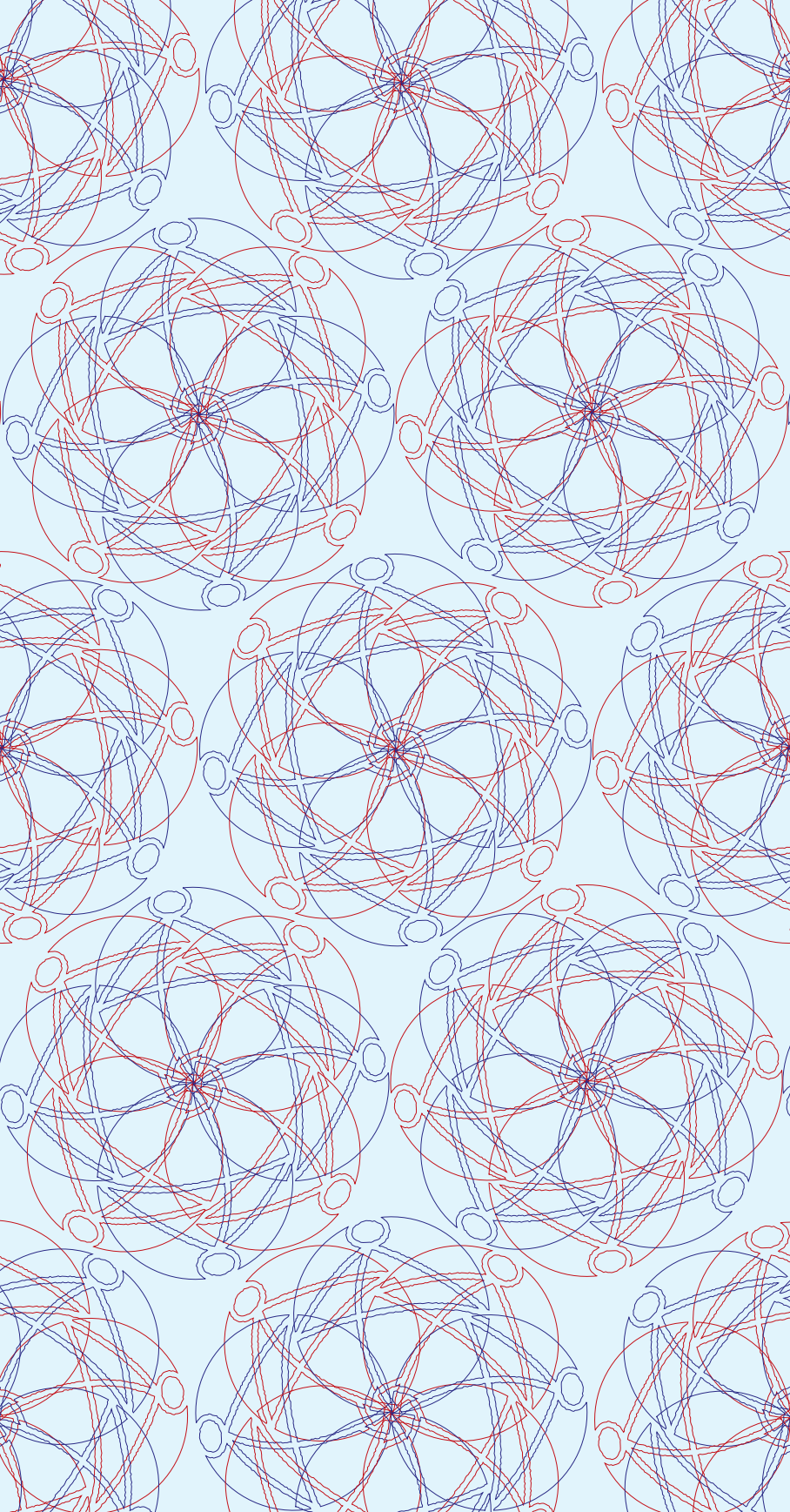


ZRC SAZU THE ART OF SCIENCE











RESEARCH CENTRE
OF THE SLOVENIAN ACADEMY OF SCIENCES AND ARTS

ZRC SAZU
THE ART
OF SCIENCE

Once you stop learning,
you start dying.

Albert Einstein

RESEARCH CENTRE OF THE SLOVENIAN ACADEMY OF SCIENCES AND ARTS ZRC SAZU

The Research Center of the Slovenian Academy of Sciences and Arts, or ZRC SAZU as it is commonly referred to in Slovenia, consists of 18 research units or institutes throughout the country. Situated in the heart of the historical centre of Ljubljana, next to the Slovenian Academy of Sciences and Arts building, ZRC SAZU has more than 300 employees, roughly 250 of whom are researchers.

ZRC SAZU also has three branch offices outside of Ljubljana: in Nova Gorica, Maribor, and Prekmurje, where a small number of researchers work on predominantly, though not exclusively, locally oriented subjects. One of its institutes is located right next to its field research, namely the Karst Research Institute that has its headquarters in Postojna, metres away from the entrance to the Postojna Cave. In 2018, a brand new building on the Ljubljana Marshes will start to house two of ZRC SAZU's institutes and an exhibition space for archaeological finds excavated during the construction.

ZRC SAZU conducts basic research across a range of fields, including natural, earth, and spatial sciences (palaeontology, paleoecology, archaeobotany, archaeozoology, palynology, sedimentary geology, biology, zoology, botany, karst sciences, geomorphology, natural risks, hydrology, climatology, environmental protection, earth observation, and geographical information systems), and the social sciences and humanities (demography, neuropsychopharmacology, sociomedicine, anthropology, visual anthropology, historical geography, cultural geography, regional geography, regional planning, philosophy, ontology, psychoanalysis, political philosophy, philosophy and science, aesthetics, ethnomusicology, musicology, ethnology, linguistics, digital humanities, literary studies, literary sociology, archaeology, socioeconomic history, cultural history, political and administrative history, art history, onomastics, dialectology, and bilingualism).

In terms of applied research, the expertise of the ZRC SAZU institutes has direct application in lexicography and the creation of Slovenian dictionaries; the care, preservation, protection, and management of the cultural and natural heritage; environmental protection; water resource management; professional support in building

infrastructure (highways and railways), and; the development of methodology, and preventive or intervention programs for the mentally ill.

Established in 2011, the ZRC SAZU graduate school offers an extensive range of doctoral programmes, including anthropology, cultural history, literature, philosophy, psychoanalysis, and lexicology.

In cooperation with the University of Nova Gorica, we offer a PhD in karstology studies. We also appointed the first Unesco Chair in Slovenia, and the European Master in Migration and Intercultural Relations, Erasmus Mundus.

The ZRC Publishing House, a constituent part of ZRC SAZU, publishes more than 50 book series ranging from the strictly scientific to works of general interest and nonfiction, and many scientific journals. All of the ZRC books, along with many other domestic and foreign titles, can be bought in the charming little bookstore called Azil (Asylum in English; in Slovenian, the word means either political asylum or psychiatric asylum). Situated on the ground floor of the ZRC SAZU building at Novi trg 2, it is the only one left in the endangered category of independent academic bookstores in Slovenia.

One of ZRC's most important missions is building bridges from science to the general public.

In this context, we offer an extensive range of events, most of them taking place in the ZRC Atrium, a pleasant indoor venue. Whether it is a kick-off project meeting aimed mostly at researchers, a book launch, a press conference, or medieval and folk music concerts organized by one of our institutes, all of our events attract a diverse public. Each year in the spring, the ZRC Atrium hosts a sumptuous and highly esteemed event: the Generacije znanosti Award ceremony (Generations of Science) when the best researchers are given various awards.

In conclusion, we would like to emphasize that it is people who are the most indispensable ingredient of ZRC SAZU. ZRC SAZU is proud of its internationally acclaimed experts, especially in the fields of anthropology, archaeology, history, karstology, biology, and philosophy. Most of its researchers are active citizens who play an important role in the setting of the public agenda. It goes without saying that not all of them are always (indeed they are almost never) on the same side of a given subject, but the greatness of an institution such as ZRC SZAU is never reached by imposing unity, but rather by nobly accepting and even encouraging a diversity of ideas and opinions.

List of research institutes that make up
ZRC SAZU
(some of them bearing a name
of its founder or an illustrious researcher)

FRAN RAMOVŠ INSTITUTE
OF THE SLOVENIAN LANGUAGE

INSTITUTE OF ARCHAEOLOGY

MILKO KOS HISTORICAL INSTITUTE

FRANCE STELE INSTITUTE
OF ART HISTORY

INSTITUTE OF MUSICOLOGY

INSTITUTE
OF SLOVENIAN LITERATURE
AND LITERARY STUDIES

INSTITUTE OF SLOVENIAN ETHNOLOGY

SLOVENIAN MIGRATION INSTITUTE

THE INSTITUTE OF PHILOSOPHY

ANTON MELIK
GEOGRAPHICAL INSTITUTE

KARST RESEARCH INSTITUTE

IVAN RAKOVEC INSTITUTE
OF PALAEONTOLOGY

BIOLOGICAL INSTITUTE JOVAN HADŽI

INSTITUTE OF ETHNOMUSICOLOGY

SOCIOMEDICAL INSTITUTE

INSTITUTE OF CULTURAL HISTORY

INSTITUTE OF ANTHROPOLOGICAL
AND SPATIAL STUDIES

INSTITUTE OF CULTURE
AND MEMORY STUDIES

Language is the oldest and the
most perfected creation
of the human mind.

FRAN RAMOVŠ INSTITUTE OF THE SLOVENIAN LANGUAGE

The Fran Ramovš Institute of the Slovenian Language is active in the fields of lexicology, lexicography, terminology, standardization of language and orthography, dialectology, etymology, onomastics, comparative, and historical linguistics. Members of the institute compile and publish comprehensive dictionaries and manuals for the Slovenian language, including *Dictionary of the Slovenian Standard Language* and the *Slovenian Linguistic Atlas*, collaborate in the creation of its Slavic and European counterparts, and develop related theories and technologies. In recent years, the institute is best known for *Fran*, the main Internet dictionary portal for the Slovenian language, which has been in existence since 2014. *Fran* integrates all the main Slovenian dictionaries as well as several additional resources, and is freely accessible on the World Wide Web. The Fran Ramovš Institute of the Slovenian Language publishes *Jezikoslovni zapiski* and *Slovenski jezik / Slovene Linguistic Studies*.

isjfr.zrc-sazu.si

Archaeology is a science.
It is not, as legend would have
it, a fortuitous combination
of luck and imagination.
Like all sciences it is a product
of human curiosity and reason.

Nikolaos Platon

INSTITUTE OF ARCHAEOLOGY

The Institute of Archaeology is active in the fields of prehistory, archaeology of the Roman period and Middle Ages, Roman epigraphy and ancient literary sources, palynology, archaeobotany, and archaeozoology. The understanding of Neanderthal man was fundamentally transformed by the Institute's discovery of the Divje babe flute.

The Institute of Archaeology publishes *Arheološki vestnik* and *Studia mythologica Slavica* (with Institute of Slovenian Ethnology).

iza2.zrc-sazu.si

History, Stephen said,
is a nightmare
from which
I am trying to awake.

James Joyce, *Ulysses*

MILKO KOS HISTORICAL INSTITUTE

The Milko Kos Historical Institute publishes the analysis of historical sources, compiles websites for historical topography and toponymy, and is active in the fields of historical aristocracy and genealogy, economic and social history, the history of the World War I, and diplomacy.

zimk.zrc-sazu.si

Jože Plečnik was
an outstanding architect
who contributed to the cultural
renown of Slovenia
throughout the world.
He emphasized that small
nations can compete
with larger ones only
with quality, never quantity.

Damjan Prelovšek

FRANCE STELE INSTITUTE OF ART HISTORY

The research fields undertaken at the institute comprise studies of art and artists from the Middle Ages to the present time, history of artistic patronage, collecting and art market, various (above all religious and political) contexts, methodology and history of the discipline etc. The institute engages into the study of artistic monuments in Slovenia (artistic topography). Its publications include journals *Acta historiae artis Slovenica* and *Umetnostna kronika*, as well as studies on art history and cultural heritage.

uifs.zrc-sazu.si

Music is a higher revelation
than all wisdom and philosophy.

Ludwig van Beethoven

INSTITUTE OF MUSICOLOGY

The Institute of Musicology brings together a group of researchers charged with researching the history of the musical heritage up to the twentieth century associated with the territory of present-day Slovenia. An e-collection of data on early music manuscripts in Slovenia has been growing; so, too, has a series of critical editions of music. For several years, the Institute has been publishing an academic journal *De musica disserenda* and organizing scholarly meetings as well as concerts of early music. The members of the Institute are engaged in specialized analytical research projects relating to the national musical heritage of Slovenia and its position within the wider European context.

mi.zrc-sazu.si

No literature emerges on its own, entirely independent of others. Literature is drawn not only from its own national sources, but also develops in ceaseless exchange, reanimating and assimilating foreign intellectual values. Each literature has been enriched from time to time by another, has received ideas, content, and style from elsewhere, and, from this, creates its own artistic works with which it later pollinates the world.

Anton Ocvirk, *Theory of Comparative Literary History*

INSTITUTE OF SLOVENIAN LITERATURE AND LITERARY STUDIES

The Institute of Slovenian Literature and Literary Studies is active in the study of old and new Slovenian literature, comparative literature, literary and cultural theory, the history and methodology of comparative studies, textual criticism, and scholarly editions of Slovenian literature. Following the development of digital humanities, the institute creates a digital repository of manuscripts and critical editions. This project, for example, has made it possible to access the Freising manuscripts on-line.

isllv.zrc-sazu.si

A man by the name of Močilar
used to tell me stories
about the olden days,
how people lived
and what kind of things
they kept by them.

Fran Levstik, *Martin Krpan*

INSTITUTE OF SLOVENIAN ETHNOLOGY

The Institute of Slovenian Ethnology is engaged in the study of the material, social, and symbolic practices that take place in everyday life. The group conducts basic research into cultural traditions and a critical analysis of culture in contemporary times. It maintains an Audio-visual laboratory with extensive archives and is also developing visual ethnography. The Institute of Slovenian Ethnology publishes *Traditiones* (with Institute of Ethnomusicology) and *Studia mythologica Slavica* (with Institute of Archaeology).

isn2.zrc-sazu.si

Countless people are on the move and even those who have never left their homeland are moved by this restless epoch.

Nikos Papastergiadis,
*The turbulence of migration:
globalization, deterritorialization and hybridity*

SLOVENIAN MIGRATION INSTITUTE

The Slovenian Migration Institute is engaged in the research of migration processes in Slovenia and internationally. Specifically, it focuses on the emigration of Slovenians (and the offspring of these emigrants) to foreign countries, the immigration of non-Slovenians (and the offspring of these immigrants) into Slovenia, the return of emigrants to Slovenia, migration policies in general and how the Slovenian economy, education, culture, art, and ethnic belonging affect migrants.

The Slovenian Migration Institute publishes
Dve domovini / Two Homelands.

isim.zrc-sazu.si

Appearance itself
is essential to essence;
truth would not exist
if it did not manifest itself
in appearance.

Georg Wilhelm Friedrich Hegel, *Aesthetics*

THE INSTITUTE OF PHILOSOPHY

The Institute of Philosophy is engaged in the study of German idealism, the philosophical dimensions of psychoanalysis, political and legal philosophy, and the history and philosophy of science, aesthetics, and ethics. Its activities also include the analysis of contemporary events and media in light of philosophical concepts. The Institute of Philosophy publishes *Filozofski vestnik*.

fi.zrc-sazu.si

If geography itself
has any significance
it is that we are made to lift
our eyes from
our small provincial selves
to the whole complex and
magnificent world.

Richard Burton

ANTON MELIK GEOGRAPHICAL INSTITUTE

The Anton Melik Geographical Institute is engaged in the study of physical geography and natural disasters, human geography and regional planning, regional geography, environmental protection, geographical terminology and geographical names, geographical information systems, and thematic cartography. The Anton Melik Geographical Institute publishes *Acta geographica Slovenica* / *Geografski vestnik*.

giam.zrc-sazu.si

A Karst explorer
has to be courageous, curious,
not afraid of heights,
and highly educated in the field.
Otherwise, walking and working
in this fascinating world
is purely touristic, beneficial to
the explorer perhaps,
but not to the public at large.

Pavel Kunaver

KARST RESEARCH INSTITUTE

The Institute links and develops the geology and geomorphology of the karst, speleology, the hydrogeology, biology, microbiology and ecology of the karst, the study of the karst development and the history of karstology, all as comprehensive study of karstology.

The Karst Research Institute runs the UNESCO'S Chair on Karst Education. It collaborates with other karst researchers throughout the world and is active in the leadership of the Centre for Karst Research at the Yunnan University in China. It publishes *Acta Carsologica*.

A bad fossil is more valuable
than a good working hypothesis.

Rudolf Trümpy

IVAN RAKOVEC INSTITUTE OF PALAEOLOGY

The Ivan Rakovec Institute of Palaeontology is engaged in the study of the palaeontology of selected groups of organisms (diatoms, silicoflagellates, radiolarians, foraminifera, molluscs, corals, and vertebrates), sedimentary geology of the Mesozoic and Cainozoic carbonate platforms and basins, and the geobiology of Tertiary and Recent terrestrial carbonates.

piir.zrc-sazu.si

Nothing in biology
makes sense except
in the light of evolution.

Theodosius Dobzhansky

BIOLOGICAL INSTITUTE JOVAN HADŽI

The Jovan Hadži Institute of Biology is engaged in the conservation of Slovenia's natural heritage, the systemization of its plants and animals, and general research into evolution, ecology, biogeography, and ethology. As a result of a number of important discoveries, the institute is world-renowned in the field of arachnology. The Jovan Hadži Institute of Biology publishes *Hacquetia*.

bijh.zrc-sazu.si

What to do with folklore?

Zmaga Kumer

INSTITUTE OF ETHNOMUSICOLOGY

The Institute of Ethnomusicology is active in the documentation and analysis of folk musical, song, and dance practices and the context in which they emerged. It links the folkloric tradition with contemporary studies of cultural transformation. It is also engaged in the creation and maintenance of a unique archive of collected material related to this cultural heritage. The Institute of Ethnomusicology publishes *Traditiones* (with Institute of Slovenian Ethnology).

gni.zrc-sazu.si

Many health technology
innovations are built
on a concept that people's lives
are less complex
than what they are.

Gina Neff, Dawn Nafus

SOCIOMEDICAL INSTITUTE

The Sociomedical Institute is active in the study of the experience of uncertainty, anxiety, mental health, domestic violence, and the general wellbeing of human beings in changing circumstances of structural inequalities and technological developments in the digital age.

dmi.zrc-sazu.si

The object of cultural history is culture, and this concept will always be exceedingly difficult to define. [...] Cultural history is distinct from political and economic history in that it is worthy of the name only to the extent that it concentrates on deeper, general themes. [...] The great cultural historians have always been historical morphologists: seekers after the forms of life, thought, knowledge, art.

Johan Huizinga

INSTITUTE OF CULTURAL HISTORY

The Institute of Cultural History, in collaboration with the SAZU Library, is creating and maintaining an on-line Slovenian biography (www.slovenska-biografija.si) as well as preparing a new Slovenian biographical lexicon (*Novi slovenski biografski leksikon*) that will fill significant gaps in the recorded cultural history of Slovenians.

ikz.zrc-sazu.si

Space is not a scientific object removed from ideology or politics. It has always been political and strategic. There is an ideology of space. Because space, which seems homogeneous, which appears as a whole in its objectivity, in its pure form, such as we determine it, is a social product.

Henri Lefebvre

INSTITUTE OF ANTHROPOLOGICAL AND SPATIAL STUDIES

The Institute of Anthropological and Spatial Studies is engaged in the research of geographical information systems. Its fields of study also include social anthropology (with a focus on Papua New Guinea, Albania, and Serbia) and archaeology (with a focus on Mesoamerica and the Mayan culture).

iaps.zrc-sazu.si

The past is something new.
It is all around.
It is here and now for each of us.
The past is more real
than the present and less
certain than the future.

Boris Buden

INSTITUTE OF CULTURE AND MEMORY STUDIES

The Institute of Culture and Memory Studies uses an interdisciplinary and transnational approach in its research of a variety of forms of memory practices related to events that marked the history of Slovenia and Eastern Europe during the 20th century. Members of the Institute pay particular attention to the complexity of memory, its social roles and political relevance, as well as to the connection between memory and collective imaginations of the future.

ikss.zrc-sazu.si



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