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Digital syndonological lexicon – Polish research and publishing project

Project research area

Interest in the Shroud of Turin, a canvas with an image of a man's body, seen from the front and back, with traces of torture similar to those inflicted on Jesus and described in the New Testament gospels, has also found a place in world science since the 20th century. They intensified especially after the words of Pope John Paul II uttered in 1998 in the Cathedral of Turin, where the Shroud is kept. Facing the dilemma of whether we are dealing with the burial shroud of Jesus or with a medieval forgery, so brilliant that the science of the 21st century can neither falsify nor confirm this thesis, the Pope decided that the resolution of this issue is not "in the special competence of Church". On the other hand, it can be undertaken by scientists, since "it is not a matter of faith", but it should become an object of study undertaken "without prejudices that would lead to false results; (...) to act with inner freedom and caring respect, both from the point of view of scientific methodology and the sensitivity of believers." The papal challenge includes syndonological research conducted for over a hundred years, focusing mainly on the Shroud of Turin, but also on the sudarion from Oviedo, the veil from Manoppello, the tunic from Argenteuil and the tilma from Guadalupe. They have also been synthetically included in the lexicon.

Organization of syndonological research

Currently, in many places around the world there are research centers that deal with syndonological issues. Undoubtedly, the leading role in this respect is played by the International Syndonology Center in Turin. The American, Spanish and Italian centers were also joined in 2017 by the Polish one - the Polish Syndonological Center based in Krakow, which is a branch of the Turin center. It was there that the idea of developing a Syndonological Lexicon was born, which would summarize over a hundred years of research achievements on the Shroud of Turin and other artefacts related to it. To a large extent, this decision of the Polish team was influenced by the latest experience gathered in 2017-2020 (four semesters), when an inter-university

syndonology seminar was conducted, organized in cooperation with the Krakow universities of the Jagiellonian University, the AGH University of Science and Technology, the Pontifical University of John Paul II and the University of Gdańsk, which was attended by all members of the editorial board of the future lexicon. They were joined by the Pontifical University of St. Thomas Aquinas in Rome.

A year after the end of the series of seminars (2021), work was launched on the Digital Syndonological Lexicon in the form of an e-book in Polish and English, created online at the Krakow publishing house Księgarnia Akademicka. Entries were entered into it, which became publicly available at the Internet address of the Księgarnia Akademicka <https://leksykonsydonologiczny.pl>. They can be supplemented and updated on a regular basis.

Project organization and concept

The book we are creating in the electronic version is the result of a research project entitled "Syndonological Lexicon", carried out by a team of scientists affiliated to the following universities: Jagiellonian University, AGH University of Science and Technology, Pontifical University of John Paul II, University of Gdańsk, Pontifical University of St. Thomas Aquinas in Rome. The editorial board of the lexicon includes members of the Polish Syndonological Center: prof. dr hab. Roman Bogacz, father prof. Remigiusz (Bazyli) Degórski, dr hab. Tomasz Graff, prof. dr hab. Jan S. Jaworski, prof. dr hab. Wojciech Kucwicz, prof. dr hab. Krzysztof Pilarczyk, prof. dr hab. Zbigniew Treppa, while Krzysztof Pilarczyk is the coordinator of the entire project and the editor of the electronic version of the lexicon.

The lexicon consists of passwords:

- Overview and specific entries,
- Research history,
- Calendar of events
- People and places
- Polish syndonological bibliography (1900-2020).

Overview and specific entries

The Shroud of Jesus in the New Testament

Exegetical and medical aspects of Jesus' death and their coherence with the Shroud

Jewish burial customs and the Shroud

Patristic, apocryphal literature and itineraries and selected artefacts about the Shroud and images of Jesus

The Shroud in Constantinople

Templars and the Shroud

The Shroud in the de Charny family and disputes over its authenticity

The Shroud in the hands of the House of Savoy

The Shroud in Turin

The Confraternity of the Holy Shroud in Turin

International Sydonological Centre in Turin

Popes before the Shroud in Turin

Polish Sydonological Centre

Semiotics and semiology of the Shroud

The Shroud in the liturgies

The Epitaphios

The Shroud as a prototype for the depiction of Jesus

Shroud and the convention of the mandylion

The Shroud and *Imago Pietatis*

Research history

History of the research on the Shroud

The Shroud of Turin - physical description

Physical analyses of the Shroud

Photographs of the Shroud

STURP

Hypotheses of the origin of the image on the Shroud

Determination of the age of the Shroud

Chemical analyses of the Shroud

Blood on the Shroud

Polish Sydonology

Comparative analyses

Veil of Manoppello

Tilma of Guadalupe

Sudarium of Oviedo

Tunic of Argenteuil

The Shroud and the image from the apparitions of Saint Faustina

Calendar of events

People and places

Argenteuil

Chmiel Jerzy

Dołęga-Chodasiewicz

Edessa

Enrie Giuseppe

Fanti Giulio

Fenrych Władysław

Filas Francis

Heller John

Karol Boromeusz

Karwowski Stanisław

Constantinople

Ładzina Wanda

Manoppello

Oviedo

Pia Secondo

Prószyński Kazimierz

Scavone Daniel C.

Schwartz Barry

Tepeyac/Guadalupe

Waliszewski Stanisław

Ziólkowski Zenon

Polish syndonological bibliography

The project was implemented by 14 authors representing an interdisciplinary approach to the subject.

Biographical notes of the authors and members of the editorial board:

Dr Hab. Karolina Aszyk, graduate of the Department of Painting and Graphic Arts of the Krakow Academy of Fine Arts, assistant professor in the Department of Media Systems and Mass Communication at the University of Gdansk.

Rev. Dr Hab. Roman Bogacz, Professor of the Pontifical University of John Paul II (UPJPII), has been working since 1991 at the Faculty of Theology of the Pontifical Academy of Theology (now the Pontifical University of John Paul II in Krakow). Since 1994, lecturer in Sacred Scripture and Biblical Archaeology. Since 2008, Head of the Chair of Biblical Theology and Biblical Informatics at the Faculty of Theology of UPJPII. Vice-Dean of the Faculty of Theology at UPJPII from 2012 to 2019, Head of the Theology Department in 2019/2020. He specialises in the study of the Epistle to the Hebrews, biblical archaeology and theology, and in exploring the biblical environment. Since 1992, he has organised regular trips to the Middle East (Israel, Egypt, Jordan, Turkey, Greece) in the form of research expeditions for students (archaeology, biblical studies) and pilgrimages for religious, educational and cognitive purposes; he cooperates with ecclesiastical and secular travel and travel agencies. He holds licenses as a tour guide and spiritual animator for pilgrimages for Israel. Head of the Biblical Section of the Polish Theological Society, member of the Board of the Association of Polish Biblical Scholars and the Board of the Association of Tour Group Guides *Gaudeamus*.

Dr Hab. Tomasz Graff, Professor of the Pontifical University of John Paul II (UPJPII), medievalist and historian of the early modern period, graduate of the master's and doctoral studies in history at the Faculty of History of the Jagiellonian University in Krakow. Since 2008 professionally attached to the Pontifical Academy of Theology, now the Pontifical University of John Paul II in Krakow. From 2012 to 2016 – deputy director of the Institute of Art History and Culture; from 2016 to 2019 – deputy dean of the Faculty of History and Cultural Heritage; currently he is head of the Department of Modern History at the Institute of History and head of the History Department at UPJPII. He is the author of approximately 200 publications, mainly on Church history and the biographies of ecclesiastical, intellectual and political elites. He is a member of the Central European Commission of the Polish Academy of Arts

and Sciences, the Workgroup of Czech History and Polish-Czech Relations of the Polish Academy of Sciences, the Historical Commission of the Polish Academy of Sciences branch in Krakow, the Polish Historical Society, the Polish Syndonological Centre, the Society of Lovers of Krakow History and Monuments, as well as the editorial boards of the journals: “Husitský Tábor”, “Wadoviana”, “Przegląd Historyczno-Kulturalny” and “Folia Historica Cracoviensia”.

Dr Marcin Grala, medievalist, lecturer at the Institute of History of the Pontifical University of John Paul II in Krakow, member of the Department of Ancient and Medieval History of this university. He researches the history of Ruthenia with particular emphasis on the history of the Eastern Church in the Byzantine and medieval Slavic areas. Member of the Polish Society of Byzantinology.

Miłosz Grygierczyk, MA, graduate in Spanish philology at the Jagiellonian University in Krakow (1998) and from the National School of Public Administration in Warsaw (2000), the Diplomatic School of Spain in Madrid (2005) and international relations at the University of Madrid (2005). He also completed doctoral studies in history at the Polish Academy of Sciences (2007) and a postgraduate course for specialist English translators at the Linguistic School of Higher Education in Warsaw (2019).

Prof. Dr Hab. Jan S. Jaworski, Professor Emeritus of the Faculty of Chemistry at the University of Warsaw. He conducted research in the field of electrochemistry of organic compounds (list of publications: www.chem.uw.edu.pl/pracownicy/spis-pracownikow/). Since 1982, he has followed the scientific research of the Turin Shroud and popularized it in numerous articles and lectures. Associated with the Polish Syndonological Centre in Krakow since its foundation.

Mariusz Kielbasa, LC, MSc in computer physics at the AGH University of Science and Technology in Krakow and MA in theology from the Pontifical Athenaeum Regina Apostolorum in Rome. Delegate of the International Center of Syndonology in Turin and director of the Polish Syndonological Centre in Krakow. Superior of the religious community of the Congregation of the Legionaries of Christ in Cracow. Former director of the House of the Apostles in Cracow. Pastor and spiritual director.

Prof. Dr Hab. Wojciech Kucewicz, researcher staff member at the Faculty of Computer Science, Electronics and Telecommunications at the AGH University of Science and Technology in Krakow. He is a specialist in the field of silicon detectors of ionizing radiation, which he has been involved in since they first appeared in applications for physical experiments in counter-rotating beam accelerators. He participated in the pioneering work of building silicon apex detectors at the European Organization for Nuclear Research - CERN in Switzerland. He participated in the construction of silicon detectors for several high-energy physics experiments. Since 2000, he has also been involved in the development of measurement systems based on silicon photomultipliers. He has worked and lectured for many years at universities abroad: University of Milan, University of Ferrara, Insubria University of Como (Italy), University of Strasbourg (France), University of Illinois at Chicago (USA) and University of Karlsruhe (Germany). He has been the director or principal investigator of seven national grants and five European grants. His scientific output includes more than 700 publications and three international patents. He was a member of the Council of the National Science Centre (2016-2020) and a member of ministerial advisory panels on several occasions. He is an associate of the Polish Sydonological Centre in Krakow.

Dr Joanna Malocha, historian, archivist and archaeologist; lecturer at the Institute of Middle and Far Eastern Cultural Studies of the Jagiellonian University in Krakow and at the Faculty of Philosophy of the Jesuit University Ignatianum in Krakow, currently employed at the Institute of History of the Pontifical University of John Paul II in Krakow. Her area of research interest includes testimonies of the cult of martyrs and holy places. On a side note, she is also interested in the art and literature of Egyptian Christians and the methodology of teaching the Coptic language.

Rev. Prof. Dr. Hab. Józef Naumowicz, historian of early Christian literature, lecturer at Cardinal Stefan Wyszyński University in Warsaw and at the Higher Metropolitan Seminary in Warsaw. Author of numerous books.

Prof. Dr Hab. Krzysztof Pilarczyk, staff member at the Institute of Religious Studies of the Jagiellonian University, head of the Center of the History of Christian-

Jewish Relations, associate at the Polish Sydonological Centre in Krakow. His interests focus on the history of Judaism, biblical and apocryphal literature, the origins of Christianity, interreligious dialogue, sindonology, Jewish book culture and religious tourism (Middle East). He publishes his scholarly activity on his website:

<http://www.cyfronet.krakow.pl/~uwpilarc/>. Author of more than 300 scientific publications.

Dr Hab. Jakub S. Prauzner-Behcicki, Professor of the Jagiellonian University, physicist, graduate of the Jagiellonian University in Krakow, independent employee of the Department of Physics of Nanostructures and Nanotechnology of the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University, co-author of several dozen scientific articles on processes in strong laser fields, microscopy of close interactions, polymerization on metal oxide surfaces, formation of organic nanostructures and surface functionalization, application of physics to the needs of conservation and restoration of works of art, quantum information technology. Author of several popular science articles.

Krzysztof Sadło, MA, graduate in international relations at the Jagiellonian University in Kraków (2011). He also completed doctoral studies in political science at this university. Long-term curator of the exhibition „Who is the Man from the Shroud?” at the John Paul II Centre in Krakow. Director of the Evangelization Committee of the Polish Sydonological Centre. Frequently travels around Poland with lectures on the Shroud and related topics. Cultural animator at the John Paul II Institute for Intercultural Dialogue in Krakow, editor-in-chief of the franciszkanska3.pl portal, publicist and documentary filmmaker. Leader and founder of the Catholic community “Koinonia” in Krakow. A lover of mountain hiking.

Prof. Dr Hab. Władysław Sinkiewicz, MD, graduate of the Faculty of Medicine at the Medical University of Gdańsk. Co-founder and first head of the Second Chair and Department of Cardiology at the University Hospital No. 2 in Bydgoszcz. Author of over 400 scientific publications and author or editor of nine monographs on bioethics. Member of the National Examination Committee of the Postgraduate Medical Education Center in the field of cardiology. Reviewer in four scientific journals and member of the Scientific Council of four scientific journals. Member of the European

Society of Cardiology, the Polish Society of Cardiology, the Polish Society of Arterial Hypertension, the Polish Society of Internal Medicine, the Polish Brain Stroke Society and the Polish Society for Spiritual Care in Medicine. Associate of the Polish Syndonological Centre in Krakow. Co-founder of the Club of Catholic Intelligentsia in Bydgoszcz. Chairman of the Bioethics Committee of the Bydgoszcz Medical Chamber, chairman of the Ethics Team at University Hospital No. 2 in Bydgoszcz, and former chairman of the Kujawsko-Pomorskie Division of the Catholic Association of Polish Physicians.

Prof. Dr Hab. Zbigniew Treppa, full professor at the Institute of Media, Journalism and Visual Communication, University of Gdańsk, Head of the Department of Image Anthropology, Associate of the Polish Syndonological Centre in Krakow, Member of the Syndonological Section of the Polish Theological Society. In his research work he undertakes issues of visual theology, using the tools of image semiotics, he analyses artefacts of religious cult and structural properties of non-human-hand-made images (Greek: *acheiropoietos*). He has recently published *The Phenomenon of the Image of Incarnate Mercy* (Gdansk 2021).

Dr Bartłomiej Wołyniec, historian of the modern period. Graduate of history studies at the Institute of History of the Jagiellonian University in Krakow and doctoral studies in the discipline of history at the Faculty of History of the Jagiellonian University. Since 2020, he has been affiliated with the Institute of History at the Pontifical University of John Paul II in Krakow. He deals with the history of the Church in the modern period, with particular emphasis on the activities of the Bishops of Cracow, and auxiliary sciences of history. Member of the Polish Heraldic Society and the editorial board of the journal "Folia Historica Cracoviensia".

The selection of entries, apart from the universal nature, giving a picture of the development of syndonology, also has a Polish specificity, showing our contribution to research on the Shroud. The entries are illustrated with photos and maps, provided with a scientific bibliography of subjects and objects worldwide, including Polish. Our ambition is that the entries should be developed mainly by a team of Polish syndonologists, specialists in particular issues, because the lexicon is of an interdisciplinary nature. The core of the team are the collaborators of the Polish Syndonolog-

ical Center. Advanced options for searching, filtering and browsing materials posted on the website of Księgarnia Akademicka will be available gradually. Until then, full-text searches of entries in the lexicon will be possible. Over time, its full text will be indexed in the available content area. We hope that the lexicon will become an online textbook on syndonology studies and will allow interested parties to familiarize themselves with reliable research results and serve as a standard reference work for further monographic research projects.

The purpose of the project

In addition to presenting the current state of research, the slogans can also be the basis for deepening and broadening the topics covered and open the perspective for future interdisciplinary research. In addition, the project provides lasting scientific support for academic and non-academic discourses and for various pastoral initiatives. The international composition of the research team involved in the preparation of the lexicon also contributes to the integration of various research environments and to the popularization of Polish achievements in the field of syndonology. The detailed concept of the lexicon is illustrated by the table of contents above, reflecting the set of entries adopted by the editorial board.

Polish version: *Cyfrowy leksykon syndonologiczny*, red. K. Pilarczyk [et al.]; Akademia Górniczo-Hutnicza w Krakowie, Papieski Uniwersytet św. Tomasza w Rzymie, Uniwersytet Gdański, Uniwersytet Jagielloński, Uniwersytet Papieski Jana Pawła II w Krakowie, pod patronatem Polskiego Centrum Syndonologicznego. Kraków: Księgarnia Akademicka, 2021-2022, ISBN 978-83-8138-519- 0 (PL) DOI 10.12797/9788381385190 (PL).

<https://leksykonsyndonologiczny.pl>

English version: *Digital Syndonological Lexicon*, eds. by K. Pilarczyk [et al.]; transl. by Jacek Szela and Monika Szela; AGH University of Science and Technology, Jagiellonian University, Pontifical University of John Paul II, Pontifical University of St Thomas Aquinas, Rome, University of Gdansk, under the auspices of the Polish Syndonological Centre. Kraków: Księgarnia Akademicka Publishing, 2021-2022, ISBN 978-83-8138-836-8 (ENG) DOI 10.12797/9788381388368 (ENG)

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