

Organization and Contributors

The following contributors have kindly agreed to speak:

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- Dr. Hailian Chen, Universität Leipzig, DE
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Scientific Board:

- PD Dr. Gisela Hürlimann, TU Dresden, DE
- Prof. em. Dr. Reinhold Reith, University of Salzburg, AT
- Prof. Dr. Friedrich Steinte, Technical University Berlin, DE

Host and organization:

Franziska Eggimann and the team of Iron Library and Corporate Archives of Georg Fischer Ltd, Schlatt/Schaffhausen, Switzerland

Conference languages:

The conference will be held in English and German. English summaries of the German papers will be provided.

EISENBIBLIOTHEK



An event of the Iron Library Foundation, Schlatt, with the generous support of Georg Fischer Ltd, Schaffhausen

Participation by invitation only

Raw Materials. Natural Resources in History

42nd History of Technology Conference of the Iron Library

Unternehmen Rohstoff. Natürliche Ressourcen in der Geschichte

42. Technikgeschichtliche Tagung der Eisenbibliothek

Friday 12 and Saturday 13 November 2021
Klostergut Paradies, Schlatt, Switzerland

All information according to planning, July 5, 2021.
Program changes are possible.

Contact

Iron Library

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Venue

Klostergut Paradies

Klostergutstrasse 4
8252 Schlatt, Switzerland
www.klostergutparadies.ch

Photo: «Auch Du, ein Rohstofflieferant!» ["Even you – a supplier of raw materials!"] The Scrap Tower in Basel calls upon the people of Switzerland to donate their old ironwares to industry, 1944.
(Corporate Archives of Georg Fischer Ltd)



Conference Program

Thursday, 11 November 2021

Arrival (individually)

As of 18.30	Pre-conference lecture and reception (optional) in cooperation with the Vortragsgemeinschaft Schaffhausen Reinhold Reith, Salzburg Vom Umgang mit Rohstoffen in der Geschichte: Strategien der Ressourcen-nutzung [Dealing with raw materials in history: Strategies of resource use] An apéro riche will be offered after the lecture. The lecture and apéro are open to the public. All conference participants are also welcome to attend. Lecture venue: Rathauslaube, Rathausbogen 10, Schaffhausen Reception (apéro riche): Hotel Kronenhof, Kirchhofplatz 7, Schaffhausen, www.kronenhof.ch
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Friday, 12 November 2021

Klostergut Paradies, Schlatt

8.00	Transfer from Schaffhausen to the Klostergut Paradies
8.30	Franziska Eggimann, Iron Library Welcome and official opening of the conference
8.45–10.30	Economic and social history of metals in the early modern period Wirtschafts- und Sozialgeschichte von Metallen in der Frühen Neuzeit Moderator: Friedrich Steinle, Berlin Tina Asmussen, Bochum Arm, nützlich, giftig und verheissungsvoll: Eine Ressourcengeschichte von Blei in der Frühen Neuzeit

	[Poor, useful, poisonous and promising: a resource history of lead in the early modern period] Hailian Chen, Leipzig Zinc for Coin and Brass: A commodity-chain-analysis approach to studying resources in early modern Chinese history Matthias Baumgartl, Bamberg Kupfer als Handelsgut. Unternehmerische Herausforderungen und Chancen eines Rohstoffs um 1600 [Copper as a commodity. Commercial challenges and opportunities of a raw material around 1600] Discussion Coffee break
10.30	
11.00–12.15	Beginning and end of the product line Anfang und Ende der Produktlinie Moderator: Reinhold Reith, Salzburg Lena Asrih, Bochum Prospektion im Mittelalter. Wissen um Lagerstätten [Prospecting in the Middle Ages. Knowledge about deposits] Martin Baumert, Torsten Meyer & Michael Farrenkopf, Bochum Nach der Ressourcenextraktion – Forschungen und Praktiken der Rekultivierung von Bergbaufolgelandschaften im Niederlausitzer Braunkohlenrevier (1950er–1980er Jahre) [After resource extraction – Research and practices of the recultivation of post-mining landscapes in the Lower Lusatian lignite region (1950s–1980s)] Discussion Lunch in the refectory 12.15 13.45–15.15 Guided tour of the Kubrix brick factory, Paradies 15.30 Coffee break

16.00–17.45	Acquisition of raw materials by states and companies Rohstoffbeschaffung von Staaten und Unternehmen Moderator: Gisela Hürlimann, Dresden Egor Lykov, Zurich Wirtschafts- und Technikgeschichte des Erdöls, oder wie das «rückständige» Russland den «Westen» modernisierte [The economic and technical history of oil, or how “backward” Russia modernized the “West”] Jørgen Burchardt, Assens Raw materials for iron works in a country without ore: The supplies of Det Danske Staalvalseværk, Denmark Ugo Venni & Edward Yanchevski, Schaffhausen In the pipeline: raw materials procurement at GF Piping Systems Discussion 17.45 Ulrike Kastrup, Zurich «BodenSchätzeWerte – Unser Umgang mit Rohstoffen.» Eine Ausstellung von focusTerra – ETH Zürich [“Earth’s treasures – How we use and value mineral resources.” An exhibition by focusTerra – ETH Zurich] 18.15 Closing and transfer 19.00 Conference dinner at the Rüden Guildhall, Schaffhausen
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Saturday, 13 November 2021

Klostergut Paradies, Schlatt

8.00	Transfer from Schaffhausen to the Klostergut Paradies
8.30–10.15	Tropics and deep seas: access to global raw materials Tropen und Tiefsee: Zugriff auf globale Rohstoffe Moderator: Marcus Popplow, Karlsruhe

	Bastian Linneweh, Göttingen Kautschuk und die Herausforderungen globaler Märkte, 1900–1960 [Rubber and the challenges of global markets, 1900–1960] Matthias Heymann, Aarhus Pioneering Global Fat: Aarhus Oliefabrik and United Plantations Company Ole Sparenberg, Karlsruhe Was sind eigentlich natürliche Ressourcen? Oder: die wechselvolle Geschichte der Manganknolle, 1872–2020 [What are natural resources? Or: the eventful history of the manganese nodule, 1872–2020] Discussion 10.15 Coffee break 10.45–12.00 The use of animal resources Nutzung tierischer Ressourcen Moderator: Gisela Hürlimann, Dresden Elisabeth Vaupel & Florian Preiss, Munich Die technische Nutzung von Hühnereiern [The technical use of hen’s eggs] Luise Elsässer, Florence Undertaking the full circle: The working horse’s uses in the first half of the twentieth century Discussion Resumé 12.00 Ines Prodöhl, Bergen Conclusion and closing remarks 12.15 Franziska Eggimann, Iron Library Closing words 12.30–13.00 Visit to the Iron Library Lunch in the refectory 13.30 Transfer to Schaffhausen train station (Arrival ca. 13.50)
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