

HISTOCRYPT 2022 in Amsterdam

SUNDAY	19 June	MONDAY	20 June	TUESDAY	21 June	WEDNESDAY	22 June
		8:15	Registration & Breakfast	8:15	Registration & Breakfast	8:15	Registration & Breakfast
		9:00	Opening	9:00	Session 4: Machine Learning II	9:00	Session 7: Tools & Resources
		9:30	Session 1: Machine Learning I	9:50	2 nd Keynote: Paul Reuvers & Marc Simons	9:40	3 rd Keynote: Gerhard Strasser
		10:30	Coffee	11:00	Coffee	10:45	Coffee
		11:00	Session 2: Historical Documents I	11:30	Session 5: Cipher machines II	11:15	Session 8: Historical Cryptology I
		12:45	Lunch	12:45	Lunch & Break	12:45	Lunch & Break
		13:45	1 st Keynote: Maarten Oberman	14:30	Session 6: Historical Documents II	14:00	Session 9: Historical Cryptology II
		15:15	Coffee	16:15	Coffee & Posters	15:45	Coffee
		15:45 – 16:50	Session 3: Cipher machines I	17:00-18:45	Business Meeting	16:15-16:30	Closing
19:00	Informal joint dinner (*)	17:00 - 19:00	Welcome Reception with Dinner	19:00	Conference Dinner		
		19:30-21:30	Canal Cruise				

(*) for all those who have already arrived in Amsterdam and would like to get together (informal, self-paying; tables will be reserved in a nice restaurant for everybody who wants to join – to book a seat, please send an email to Karl de Leeuw: karl13@xs4all.nl)

MONDAY	20 June		Session chair
8:15	Registration & Breakfast		
9:00	Opening	Local Chairs & Program Chair & Steering Committee	
9:30	Session 1: Machine Learning I	9:30-9:55 Nino Fürthauer: Known-Plaintext Attacks on the Columnar Transposition Cipher Using Deep Learning 9:55-10:30 University of Uppsala: Lost in Transcription of Graphic Signs in Ciphers & Unsupervised Alphabet Matching in Historical Encrypted Manuscript Images	George Lasry
10:30	Coffee		
11:00	Session 2: Historical Documents I	11:00-11:25 Michelle Waldspühl: Two Encrypted Diplomatic Letters Sent by Jan Chodkiewicz to Emperor Maximilian II in 1574-1575 11:25-11:50 Richard Bean: Solving an alchemical cipher in a shared notebook of John and Arthur Dee 11:50-12:15 Jorgen Dinnissen: Island Ramanacoil a Bridge too Far. A Dutch Ciphertext from 1674 12:15-12:35 Tobias Schrödel: Cryptographic postcards	Benedek Láng
12:45	Lunch		
13:45	1 st Keynote: Maarten Oberman	13:45-14:40: (Re)-writing the Cryptographic history of the Netherlands 1945-1965 14:45-15:15: Afterwards, Maarten Oberman will officially present his book and hand it over to Bas Dunnebier, Head Unit Resilience, the Netherlands National Communications Security Agency	Karl de Leeuw
15:15	Coffee		
15:45 – 16:50	Session 3: Cipher machines I	15:45-16:10 Mariusz Borowiak: Enigma history and an unexpected treasure trove 16:10-16:30 Dermot Turing: The American Army Bombe 16:30-16:50 Magnus Ekhall: Analysis of the US Navy Cryptanalytic Bombe Schematics and Simulation of Selected Circuits	Carola Dahlke
17:00 - 19:00 19:30- 21:30	Welcome Reception with dinner Canal Cruise		

TUESDAY 21 June			Session chair
8:15	Registration & Breakfast		
9:00	Session 4: Machine Learning II	9:00-9:25 Richard Bean: Cryptodiagnosis of "Kryptos K4" 9:25-9:50 Joachim von zur Gathen: Unicity distance of the Zodiac-340 cipher	George Lasry
9:50	2 nd Keynote: Paul Reuvers & Marc Simons	9:50-10:55 OPERATION Rubicon - The Secret Purchase of Crypto AG by BND and CIA	Klaus Schmeh
11:00	Coffee		
11:30	Session 5: Cipher machines II	11:30-11:55 George Lasry: Modern Cryptanalysis of Schlüsselgerät 41 11:55-12:20 Winfried Stephan: Use of T-310 Encryption During German Reunification 1990 12:20-12:40 Matthias Göggerle: 3D Digitalization of historical cipher machines using computed tomography	Dermot Turing
12:45	Lunch & Break		
14:30	Session 6: Historical Documents II	14:30-14:55 Hugo Araújo: Prey to a Privateer. Two Portuguese Ciphertexts from 1649 (Online from Brazil, -5h time shift i.e. 9:30-9:55) 14:55-15:25 George Lasry: Deciphering a Letter to Louis XIV from his Ambassador to the Dutch Republic, le Comte d'Avaux, 1684 & Deciphering a letter from the French Wars of Religion & Deciphering a Short Papal Cipher from 1721 15:25-15:50 Florentijn van Kampen: Thomson's Telegram, Decrypting a Secret Message from Albania, 1914 15:50-16:10 Samu Potka: Telegrams on Negotiations on Capturing Petrograd, 1919	Michelle Waldispühl
16:15	Coffee & Posters	Poster 1 - Eugen Antal: HCPortal Modules for Teaching and Promoting Cryptology Poster 2 – Nils Kopal: New Ciphers and Cryptanalysis Components in CrypTool 2 Poster 3 – Paolo Bonavoglia: Cryptanalysis treatises of the Renaissance	
17:00- 18:45	Business Meeting	Steering Committee	
19:00	Conference Dinner		

WEDNESDAY 22 June			
8:15	Registration & Breakfast		
9:00	Session 7: Tools & Resources	9:00-9:20 Ferenc Szigeti: The TRANSCRIPT tool for Historical Ciphers by the DECRYPT project 9:20-9:40 Mihály Héder: The DECODE Database of Historical Ciphers and Keys: Version 2	Eugen Antal
9:40	3 rd Keynote: Gerhard Strasser	9:40-10:40 Historical View of Signs and Sign Languages as a Potential for Secret Communication in Two Worlds: In Ottoman Courts and Catholic Religious Orders	Beáta Megyesi
10:45	Coffee		
11:15	Session 8: Historical Cryptology I	11:15-11:35 Victor Wase: The Upplandic Non-Lexical Rune Stones: Ciphers or Nonsense? 11:35-11:55 Clément Poupard: Mundane cryptography: Toward a cultural history of cryptography 11:55-12:15 Benedek Láng: Colonelle Frank's indecipherable chiffre 12:15-12:45 Beáta Megyesi: Key Design in the Early Modern Era in Europe & What Was Encoded in Historical Cipher Keys in the Early Modern Era?	Marek Grajek
12:45	Lunch & Break		
14:00	Session 9: Historical Cryptology II	14:00-14:25 Paolo Bonavoglia: The enigma of Franceschi's Falso Scontro 14:25-14:55 Eugen Antal: Solving a Mystery From the Thirty Years' War: Karel Rabenhaupt ze Suché's Encrypted Letter to Landgravine Amalie Elisabeth & Wrong Design of Cipher Keys: Analysis of Historical Cipher Keys Used in the Thirty Years' War 14:55-15:20 Rian Hagebeuk: "The Subtlety of Witches": A Reformation Era Cipher Mystery 15:20-15:45 Marek Grajek: Documents of Polish-Soviet War of 1919-1920 Codebreaking	Joachim von zur Gathen
15:45	Coffee		
16:15-16:30	Closing	Local & Program Chairs	