

Scientific institutes and departments participating in the CLHC

Van 't Hoff Institute for Molecular Sciences (HIMS), Faculty of Science, UvA

- Forensic Chemistry and Forensic Analytical Chemistry, Art Forensics

Institute for Biodiversity and Ecosystem Dynamics (IBED), Faculty of Science, UvA

- Forensic Biology, Human and Non-human Biological Traces, Wildlife Forensics, Sewer Epidemiology

Informatics Institute (Ivi), Faculty of Science, UvA

- Digital Forensics, Data Science and Big Data, Intelligent Data Analysis, Multimedia Forensics

Institute of Physics (IoP), Faculty of Science, UvA

- Blood Pattern Analysis

Swammerdam Institute for Life Sciences (SILS), Faculty of Science, UvA

- Green Forensics, Microscopy, Genetics, Epigenetics, DNA Sequencing

Korteweg-de Vries Institute for Mathematics (KdVI), Faculty of Science, UvA

- Forensic Statistics, Bayesian Statistics, Bayesian Networks, Decision Theory, Reasoning

Department of Radiology, AMC

- Forensic Radiology, Child Abuse Investigations

Department of Anatomy, Embryology and Physiology, AMC

- Taphonomy, Anthropology

Department of Pathology, AMC

- Forensic Pathology

Biomedical Engineering and Physics, AMC

- Forensic Biophysics, Hyperspectral Imaging, Detection and Dating of Biological Traces, Crime Scene Technology

Amsterdam University of Applied Sciences (HvA)

- Crime Scene Investigation, New Technologies in the Criminal Justice System, Human Factors



For more information on the Forensic Science Master's program of the University of Amsterdam, see

<http://www.uva.nl/en/education/master-s/master-s-programmes/item/forensic-science.html>



Netherlands Forensic Institute
Ministry of Security and Justice

CLHC Directors

Prof. dr Maurice Aalders
Prof. dr Arian van Asten

CLHC Board

Prof. dr Jan Wiegerinck, FNWI, Chair
Prof. dr Ton van Leeuwen, AMC, Chair
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Dr Gepke Uiterdijk, AMC, secretary

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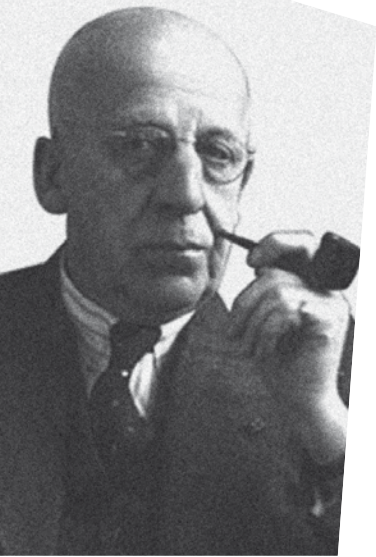
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CO VAN LEDDEN HULSEBOSCH CENTER AMSTERDAM CENTER FOR FORENSIC SCIENCE AND MEDICINE

The CLHC is an interdisciplinary institute within the University of Amsterdam to advance forensic science and medicine. The institute is part of a collaboration between the Faculty of Science (FNWI), the Academic Medical Center (AMC) and the Netherlands Forensic Institute (NFI).
CLHC Directors: Prof. dr Arian van Asten and Prof. dr Maurice Aalders

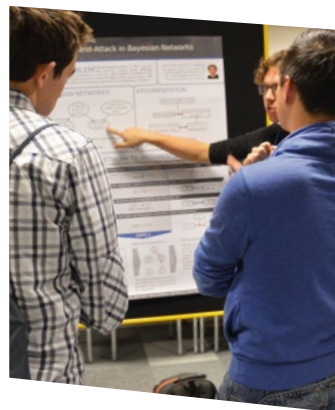
FORENSIC SCIENCE IN THE NETHERLANDS



About the Co van Ledden Hulsebosch Center (CLHC)

The Amsterdam Center for Forensic Science and Medicine is named the Co van Ledden Hulsebosch Center (CLHC) after the famous forensic pioneer Christiaan Jacobus (Co) van Ledden Hulsebosch. Co, born 1877 in Amsterdam, studied pharmacy at the University of Amsterdam, graduated in 1902, and started his forensic career in that same year. In the Netherlands he introduced a scientific approach for investigating physical traces left at the scene. In 1914, he founded the first school for scientific policing and two years later he became the official police-chemist for the Amsterdam police. In 1923, he started lecturing on 'the science of forensic research' at the University of Amsterdam. In 1929, he was one of the founding members of the *'Académie Internationale de Criminalistique'* in Vienna. Co died in 1952 at the age of 75.

The CLHC was established on September 13, 2013 by the Faculty of Science (FNWI) and the Academic Medical Center (AMC) of the University of Amsterdam (UvA) and the Netherlands Forensic Institute (NFI). The virtual center is closely linked to the Master's program in forensic science at the UvA and stimulates and coordinates forensic science projects within the participating institutes and research teams. By identifying common forensic themes a significant synergy between medical, scientific and forensic research is created and funding opportunities are identified in order to initiate new PhD and master projects as part of a coherent forensic research program. The CLHC actively promotes forensic science in the Netherlands by building and maintaining an international network, organizing meetings for PhD students and initiating forensic research outside the traditional criminal justice domain. The CLHC is a national and international point of contact for forensic research in the Netherlands and is coordinated by two directors, one from the AMC and one from the FNWI.



GOALS AND THEMES



Forensic Science within the CLHC

The CLHC strives for a **comprehensive** forensic science portfolio of high **quality** and **impact** in six research themes in which **scientific excellence** and **forensic expertise** are merged. Within the CLHC special chairs in forensic science have been established in the areas of Forensic Analytical Chemistry, Forensic Statistics, Forensic Biology, Forensic Data Science, Forensic Radiology and Forensic Biophysics. In 2013 and 2014 around 30 PhD projects fully or partly dedicated to forensic science were ongoing, resulting in a total of 117 peer-reviewed publications, 140 presentations at international conferences and symposia, and 8 PhD theses. Science based innovations from the CLHC provide **added value** for the criminal justice system in the Netherlands. By promoting forensic science nationally and internationally, the CLHC seeks to create a steady stream of **funding opportunities** and as a result the majority of the current PhD projects receive external funding. The CLHC also makes a significant contribution to forensic science **education** and **communication**. The center provides topics for literature theses and research projects within the Forensic Science Master's program in Amsterdam. It is involved in organizing the successful lecture series "Frontiers of Forensic Science, where students can meet with scientists and forensic experts. Around the world many excellent academic forensic science centres exist with similar aims and programs. The CLHC has the ambition to achieve international recognition and to become an active partner in a **global forensic network**.

