



KONINKLIJKE VLAAMSE ACADEMIE VAN BELGIE
VOOR WETENSCHAPPEN EN KUNSTEN



ACADEMIE ROYALE DES SCIENCES, DES LETTRES ET
DES BEAUX-ARTS DE BELGIQUE

NATIONAAL COMITÉ VOOR CHEMIE – COMITÉ NATIONAL DE CHIMIE

SCIENCE IN THE CITY

Zaterdag 23 april 2022

Paleis der Academiën – Hertogsstraat 1 – 1000 Brussel

PROGRAMMA

vanaf 08u30	Ontvangst – Koffie - Thee	12u30-13u30	Lunch
09u00-10u00	XperiLAB.be (twee sessies van 30 min.)	13u30-13u40	Inleiding sessie 2 (Claudine Buess-Herman)
10u05-10u15	Inleiding sessie 1 (Luc Van Meervelt)	13u40-14u20	Flash-presentations Jehan Waeytens – ULB <i>Chemical imaging for biomedical and environmental research</i> Jasper Van Hoorick – BIO INX <i>BIO INX: From chemistry research to 3D bioprinting company!</i>
10u15-11u00	Air quality in Belgian cities Frans Fierens (IRCEL-CELINE)	14u20-15u05	Looking at old paintings with new eyes: the value of chemical imaging for art historians and conservators Steven De Meyer (UAntwerpen)
11u00-11u45	About weather forecasts, climate projections and VLINDER weather stations Steven Caluwaerts (KMI/UGent)	15u05-15u50	Brussels as an international conference venue in 1922: First Solvay conference on chemistry and IUPAC Yoanna Alexiou (ULB) Brigitte Van Tiggelen (Science History Institute, Philadelphia)
11u45-12h25	Flash-presentations Martin Gillard – UCL <i>Targeting cancer with light: the power of photochemistry</i> Elke Debroye – KU Leuven <i>The chemistry behind energy conversion</i>	15u50-16u00	Conclusies
12u30-13u30	XperiLAB.be (twee sessies van 30 min.)	16u00-17u00	Receptie

Hoe te bereiken ?

Je kan best met het openbaar vervoer komen (Centraal station op 10 min.). Dichtstbijzijnde parkings: Arts-Loi en Albertine.

ONZE SPREKERS

FRANS FIERENS



MSc in chemistry (1990). Started in 1992 at the Vlaamse Milieumaatschappij and moved in 1996 to Intergewestelijke Cel voor Leefmilieu – Cellule Interrégionale de l'Environnement (IRCEL-IRCINE) where he is since 2007 the administrative director.

STEVEN CALUWAERTS



Department of Physics and astronomy (UGent). Coordinator citizen science project Vlaanderen in de Weer (VLINDER) which gathers researchers, high schools and local partners to initiate a network of weather stations to collect meteorological data in landscapes where information is missing today.

STEVEN DE MEYER



MSc in chemistry (1990). Development of an X-ray powder diffraction scanner for non-destructive macroscopic imaging used during restoration of painting such as Girl with the pearl, the Ghent Altarpiece (Lam Gods) and The Night Watch. Research on original pigments and paint degradation.

BRIGITTE VAN TIGGELEN YANNA ALEXIOU



Brigitte Van Tiggelen

Master in Physics and History. Director for European Operations at the Science History Institute, Philadelphia, USA and attached to the Center for Research in the History of Science (UCL). Founder of Mémosciences asbl to promote the history of science in Belgium.

Yoanna Alexiou

Master in History (2015). Collaborator of the Solvay Science Project (2015-2018). Currently PhD student (ULB).

JASPER VAN HOORICK



ELKE DEBROYE



JEHAN WAEYTENS



MARTIN GILLARD



Met dank aan onze partners !



Vlaamse Olympiades voor Natuurwetenschappen



Progress beyond

