



26th International Symposium of the Scientific Centre for Fertilizers (CIEC)

Impact of Anticipating Research in the Past on Research in the Future

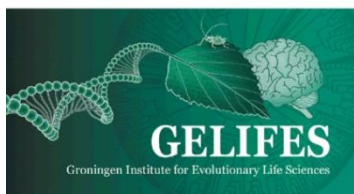
		5 September 2019
9.00	9.15	Opening ceremony
		<i>Ewald Schnug (President of CIEC), Lanzhu Ji (President-Elect of CIEC), Silvia Haneklaus (Secretary general of CIEC)</i>
Session I		<i>Moderation: Bernd Lottermoser (RWTH Aachen, Germany); Xudong Zhang (CAS Shenyang, P.R. China)</i>
9.15	9.45	Challenges for the use of beneficial nutrients in agriculture <i>Lawrence Datnoff (Louisiana States University, Baton Rouge, USA)</i>
9.45	10.15	Significance of the sulfur supply for crop yield, quality and plant health <i>Luit J. De Kok (University of Groningen, The Netherlands)</i>
10.15	10.45	Glucosinolates – past research and transition to the future challenges <i>Eduardo Rosa (CITAB/Universidade de Trás-os-Montes e Alto Douro, Vila Real, Portugal)</i>
10.45	11.15	Coffee/tea
11.15	11.45	Plant nutrition in organic farming <i>Gerold Rahmann (von Thünen Institute, Trenthorst, Germany)</i>
11.45	12.15	Impact of land use systems on infiltration capacity of soils <i>Ulrich Köpke (Bonn University, Germany)</i>
12.15	12.45	100% Zero – for a truly balanced phosphorus fertilizer use <i>Silvia Haneklaus (Julius Kühn-Institut, Braunschweig, Germany)</i>
12.45	14.15	Lunch
Session II		<i>Moderation: Lawrence Datnoff (Louisiana States University, Baton Rouge, USA); Xiaoyu Shi (CAS, Shenyang, P.R. China)</i>
14.15	14.45	Fertilizer concepts for marine environmental protection <i>Hans Marten Paulsen (von Thünen Institute, Trenthorst, Germany)</i>
14.45	15.15	Any future for Precision Agriculture? <i>Carl Åge Pedersen (SEGES, Denmark)</i>
15.15	15.45	Behavior of fertilizer-derived heavy metals in agro-ecosystems <i>Frank Winde (North West University, Republic of South Africa)</i>
15.45	16.15	Coffee/tea
16.15	16.45	Valorization of phosphate rock processing <i>Bernd Lottermoser (RWTH Aachen, Germany)</i>
16.45	17.15	Bilateral co-operations – the German/Egyptian success story <i>Peter Webers (BMBF, Bonn, Germany)</i>
17.15	17.45	Between heaven and earth – mistletoes as precious commodity for cancer cures <i>Hartmut Ramm (HISCIA, Arlesheim, Switzerland)</i>
17.45	18.00	Formal handover of the CIEC Presidency
18.15	21.00	WORLD CAFÉ – Thematic sessions and chairmen
		I. Secondary sulfur metabolites – raw material for phytopharmaceuticals <i>Dimitris Bouranis (Agricultural University, Athens, Greece) and Ineke Stulen (University of Groningen, The Netherlands)</i>
		II. Sulfur makes the plant go round <i>Kerr C. Walker (Merystem, Alford, Scotland) and Herbert Daybell (Agrimedia, Bottesford, UK)</i>
		III. Agriculture and marine protection – an eternal conflict?! <i>Marjatta Kemppainen (formerly Ministry of Agriculture and Forestry, Helsinki, Finland, Leena-Marja Kauranne (formerly Ministry of the Environment, Helsinki, Finland) and Zhengyi Hu (UCAS, Beijing, China)</i>
		IV. Heavy metal – no light discoveries <i>Ewald Schnug (JKI Braunschweig, Germany) and Zhihui Yang (Changsa University, China)</i>



		6 September 2019
		Scientific excursion
9.00		Physikalisch-Technische Bundesanstalt (PTB) – famous, not only for its Atomic Clock and International Prototype Kilogram
		Asse – Salt mine used as a repository for low-level and intermediate radioactive waste
		Mattierzoll – remains of the German/German border
		Klostergut Wöltingerode – Precision Agriculture technologies behind ancient walls
		Steinbergalm with WORLD CAFÉ – Thematic sessions and chairmen
		V. Smart fertilizers for smarter farming <i>Yuanliang Shi and Jie Li (CAS Shenyang, China)</i>
		VI. Sino-German research innovations and technologies <i>Shiping Wang (UCAS, Beijing China), Silvia Haneklaus (JKI, Braunschweig, Germany) and Xiaoyu Shi (CAS Shenyang, China)</i>
		VII. German-Egyptian research partnership – a backbone since more than a century <i>Peter Webers, Susanne Rupert-Elias (BMBF, Bonn, Germany) and Haythum Salem (Benha University, Egypt)</i>
	21.00	Return to Hotel Alte Münze in Goslar
		7 September 2019
9.00	12.00	Heavy metal pollution and flood protection in urban areas – guided scientific excursion by Friedhart Knolle (National Park Harz, Wernigerode, Germany)
		Individual quest for nutritional disorders – dinner on your own
19.00		Butterhanne: General Assembly of CIEC, CIEC Presidium meeting and Closing
		Venues
5 September 2019		Forum of the Johann Heinrich von Thünen Institute, Federal Research Institute for Rural Areas, Forestry and Fisheries, Bundesallee 50, 38116 Braunschweig, Germany
6 September 2019		Steinbergalm Goslar, Nonnenberg 11, 38644 Goslar
7 September 2019		Butterhanne, Marktkirchhof 3, 38640 Goslar

For late bird registrations contact the CIEC secretariat: silvia.haneklaus@julius-kuehn.de

Jointly organized by:



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