in cooperation with

Max Rubner-Institute
Institute of Safety and Quality of Cereal

68th Starch Convention

April 04th – 05th 2017
in Detmold, Germany

www.agf-detmold.de
Tuesday, April 04\textsuperscript{th} 2017

\begin{itemize}
\item \textbf{08}^{00} – \textbf{08}^{30} \ Registration
\item \textbf{08}^{30} \textbf{Opening Remarks} by the President of the Association of Cereal Research, Götz Kröner, Ibbenbüren (Germany)
\item \textbf{1. Market}
\begin{itemize}
\item \textbf{08}^{45} 1.1. Sara Girardello, Oxford (United Kingdom)
  The reform of the EU sugar market and its implications for the starch sector
\item \textbf{09}^{15} 1.2. Denbigh R. J. Lloyd, Haywards Heath (United Kingdom) and Michael A. Radeloff, Berlin (Germany)
  Meeting changing consumer demands in non-food products – the implications for the starch industry and its development
\end{itemize}
\item \textbf{09}^{45} \textbf{Communication Break}
\item \textbf{2. Raw Material}
\begin{itemize}
\item \textbf{10}^{15} 2.1. Tanja Bantleon, Berlin (Germany)
  Morphological Changes of Native Aramanth Grain after Hydrothermal Treatment
\end{itemize}
\item \textbf{3. Starch}
\begin{itemize}
\item \textbf{10}^{45} 3.1. Chloé Chevigny, Nantes (France)
  Shape-memory effect in amorphous potato starch: The influence of local orders and paracrystallinity
\item \textbf{11}^{15} 3.2. Els de Hoog, Ede (The Netherlands)
  Tribological properties of rice starch in liquid and semi-solid food
\item \textbf{11}^{45} 3.3. Yong-Cheng Shi, Manhattan (USA)
  Changes of Starch during parboiling of rice kernels
\end{itemize}
\item \textbf{12}^{15} \textbf{Lunch Break}
\item \textbf{4. Modification}
\begin{itemize}
\item \textbf{14}^{00} 4.1. Sandra Einerhand, Amsterdam (The Netherlands)
  Potential anti-obesogenic and programming effects of non-digestible starches
\item \textbf{14}^{30} 4.2. Yong-Cheng Shi, Manhattan (USA)
  Structural changes of starch during dextrinization
\end{itemize}
\item \textbf{15}^{00} \textbf{Communication Break}
\item \textbf{15}^{30} 4.3. Stylianos Raphaelides, Thessaloniki (Greece)
  Production of spray dried starch molecular inclusion complexes on an industrial scale
\end{itemize}
5. Application

16:00  5.1. Joel Wallecan, Vilvoord (Belgium)
Powder properties and their determination

16:30  5.2. Jeroen J.G. van Soest, Herrenveen (The Netherlands)
Recent developments amongst which a starch based environmentally friendly wrapper: Mars goes for a biobased bioplastic candy bar wrapper based on second-generation feedstocks

17:00  5.3. Jens Buller, Potsdam (Germany)
New modified starch for wet end application

17:30  Exhibitor’s Forum – short term presentations

Wednesday, April 05th 2017

6. Enzymes

08:30  6.1. Lubbert Dijkhuizen, Groningen (The Netherlands)
Biochemical characterization of novel family GH70 4,6-alpha-glucanotransferase enzymes converting starch/maltodextrins into homopolysaccharides

09:00  6.2. Nina Schrögel-Truxius, Darmstadt (Germany)
Xylanases and Endoglucanases in Wheat Starch Gluten Separation

09:30  Coffee Break

10:00  6.3. Piet van der Zaal, Wageningen (The Netherlands)
The effect of starch linearity on GTFB-ΔN transferase activity during the synthesis of Isomalto/Malto-Polysaccharides

7. Technology

10:30  7.1. Stijn Reyniers, Heverlee (Belgium)
Impact of ball milling on the release of starch and the viscosity forming potential of potato flakes

11:00  7.2. Berthold Wiege, Detmold (Germany)
Pickering emulsifiers* based on small granular starches - Manufacturing and physico-chemical characterization

11:30  7.3. Maurice Essers, Zeist (The Netherlands)
Future prospects of carbohydrate development at TNO and beyond

12:00  Closing remarks by the Chairman of the Starch Experts Group, Willi Witt, Tecklenburg (Germany)
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Evening Program

Monday, April 03rd 2017
19:30 Welcome Evening at the Convention Hall, Detmold, Schuetzenberg 10

Tuesday, April 04th 2017
17:30 “Bread and Wine”- Get-together in the “Haus des Brotes” (Exhibition Hall), Detmold, Schuetzenberg 10

Wednesday, April 05th 2017
19:30 Social gathering at the restaurant “Waldhotel Baerenstein” in 32805 Horn-Bad Meinberg, near the “Externsteine” in the Teutoburg Forest

Students’ exhibition
Students have the possibility to send us Poster (DIN A0) or handouts (DIN A4) up front. We are going to present them at a separate space during the “normal” exhibition. Please send the necessary papers in until March 30th 2017.

Exhibition
During the Starch Convention there is the possibility to survey special machinery and apparatus used in starch industries as well as specific laboratory equipment for starch research. Well known industrial suppliers from home and abroad will be presenting improvements and new developments within the starch industry. The exhibition is free of charge only for the participants of the Starch Convention and will remain open from 8:30 until 17:30.

Language
The official language of the Convention will be English.

Registration
The Convention Office will be open for registration of participants during the entire Starch Convention from 8:00 on.

Registration Fee
Non-members of the Association of Cereal Research (except students, exhibitors (2 per booth) and lecturers) are requested to pay a registration fee of 445,- Euro p.p. Members of the Association of Cereal Research and members of public institutions are requested to pay a convention fee of 45,- Euro p.p. The fee includes congress materials (summaries of lectures, participation list, etc.), lunch (Tuesday and Wednesday) and welcome evening on Monday, coffee breaks and the social gathering on Wednesday evening. Please keep in mind that we have to charge an additional fee of 30,- Euro for credit card payments.

Accommodation
We kindly ask you to make your Room reservations before March 10th 2017 by using the enclosed registration form. After the deadline, please make sure to reserve a room by yourself. Room reservations will be confirmed approx. 14 days before the Convention directly by the hotel.

For further questions, please do not hesitate to contact us by telephone 0049 5231 616640 or mail info@agf-detmold.de

13th European Bioethanol and Bioconversion Technology Meeting
April 05th – 06th 2017