Program of the XXVth Symposium AVH to be held, on April, 12th, 2018

Sugar Crystallization: Optimizing and Process Control

8:45 – Opening of Symposium

**Session I:** Sucrose Crystallization: basics and practice
President: Philippe REISER, CEDUS, Paris, France

9:00 - Review of R & D results on sugar crystallization obtained at the University of Chemical Technology of Prague during the last 25 years, Z. Bubnik, P. Kadlec, E. Sarka, V. Pour, VSCHT, Prague, Czech Republic


9:45 – Quality of crystals and the practical aspects of sugar crystallization, M. Mathlouthi, Association AVH, Reims, France

10:05 - Technical and economical comparison of the different crystallization schemes, Xavier Lamblin, Fives Cail, Ronchin, France

10:25 – Coffee Break, Posters and Exhibitors

**Session II:** Transfer of impurities and sucrose crystal growth
President: Dr. Jan Maarten de BRUIJN, Südzucker, Obringheim, Germany

11:15 –Color inclusion in sugar crystals grown in blended beet and cane syrups, K. Schlumbach, TU Berlin, Germany

11:35 – Effect of steam bubbling on crystal growth during the industrial crystallization of sugar, Felix Geisendörfer, TU Berlin, Germany

12:00 - Posters and Exhibitors
13:00 – Lunch

**Session III:** Control and monitoring of sugar crystallization
President: Dr. Martin BRUHNS, retired, Kleinmachnow, Germany

15:00 – Optimal plant-wide control at the interface of the evaporation and crystallization stages of a sugar factory, R. Mazaeda, University of Valladolid, Spain

15:25 – Improved industrial crystallization by automation system, Jens Mahrholz, Michael König, Andreas Lehnberger, BMA, Braunschweig, Germany

15:50 – Improved image analysis for technical sugar suspensions at SuikerUnie, R. Daniels, Suiker Unie, NL

16:15 - Development of massecuite microscope for the control of crystal growth and crystal size distribution, B. Gaillac, ITECA, France

16:40 - Concluding remarks

*Simultaneous translation*