

Speaker Profile: Grazina Juodeikiene



Grazina Juodeikiene is Professor in Food Science and (Bio) Technology at Kaunas University of Technology in Kaunas Lithuania. She teaches in Plant and Agriculture Sciences and Food and Nutritional Toxicology. Besides she is Head of the Cereal, Cereal Products, Confectionary and Stimulants Research Group of the University.

Grazina has over 30 years of experience, and has published over 150 articles in several languages (English, Russian, German and in Lithuanian) in the above mentioned fields. She developed over the years acoustic spectrometers that can be used in laboratories for porous matrices (Food and Non Food) to measure its texture & structure. The useful instruments can be used in- and on- line in a wide variety of applications.

Grazina flourished under oppression to develop the above technology before Lithuania joined the EU in 2002 and is now engaged in several COST actions and convener of a EUREKA project with acronym FERMFOOD. The latter project deals with sourdough technology applied in Central and Eastern Europe and aim to stream line and improve the sensory aspects in bread production, increase shelf-life and increase the dietary fiber content of the final product. The in-house developed acoustic equipment ties nicely in with the sensory- and food safety aspects of the project. It is among others applied for the shelf-life of bread and for the determination of several mycotoxins (deoxynivalenol and aflatoxin) in cereal grains.

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