

# Automatic design and correction of ceramic colors: Problem statement, methodology and benefits

Ovidiu Bagdasar (University of Derby, UK)

30.05.2019

## **Abstract**

This talk presents two major problems within the ceramics industry. The reproduction of a desired color from pigments (which is time-intensive), and the correction of colors on the production line (which is costly), are processes which still rely heavily on numerous experiments carried out by human operators. We discuss key aspects of these two processes and suggests some mathematical and computer sciences tools, aimed at automatizing the current procedures. The project has involved academic partners from Romania and UK, industry, and Erasmus traineeship students.