

**ATC-STA Side meeting Seminar-Discussion**

# **Mathematical Modelling in Seed Testing**

**Wednesday May 31, Hotel Leon d'Oro, Verona.**

**Room: Mascagni- Main Venue**

The meeting is jointly organised by the Advanced Technologies Committee (ATC) and the Statistics Committee (STA).

**13.30 Introduction to the initiative and types of modelling to consider**

Bert van Duijn, ATC / Tomoko Sakata, ATC

**13.45 The Ellis-Roberts viability equations to model seed longevity in storage and extension into germination time courses via the PBT models**

Fiona Hay, MOI / Kent Bradford, ATC

**14.10 A.I. Based Modelling in Seed Imaging Applications**

Kyle T. Peterson (Bayer Crop Sciences, Innovation Science & Engineering, USA)

**14.45 Discussion on Assessing Uncertainty in Seed Testing Models & Statistics Committee Activities**

Jean-Louis Laffont, STA / Kirk Remund, STA

**15.10 Wrap up and discussion.**

**15.25 Concluding remarks and brain refreshed departure**

ATC= Advanced Technologies Committee, STA= Statistics Committee, MOI = Moisture Committee.