

Institution of Agricultural Engineers

South East Midlands Branch



Student Presentations + branch AGM

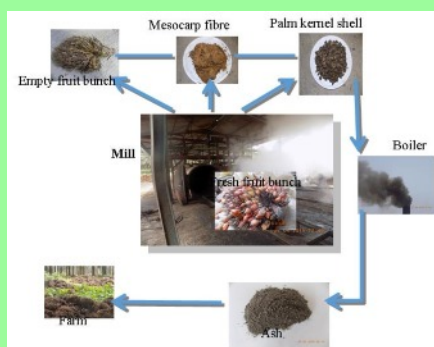
Monday 6 February 19.00

Maulden Church Hall, MK45 2AU

Kelechi Anyaoha

Fresh fruit bunch solid wastes: processing methods, conversion and utilisation nexus in Nigeria

Enormous amounts of fresh fruit bunch wastes (empty fruit bunch, mesocarp fibre and shell) are poorly utilized. The important outputs of the utilization of these wastes are heat and ash. The current work is aimed at providing evidence for increased and proportional utilization of the wastes.



Angela Navarro

Early detection of latent fungal infections in soft fruits

From every harvest, soft fruits are often stored for various periods of time, from 3 to 6 months. Fruits with latent infections do not show symptoms when harvested, appearing during storage or when put in the market. There is interest in the early detection of these latently infected fruits to reduce losses.



Agnese Mancini

Soil micro-topography heterogeneity determines soil loss

Quantifying the extent of soil erosion control by cover crops remains challenging because of the treatment variability observed under field conditions. Results from an eight-month field trial suggest that micro-topography affects soil losses, masking treatment effects.



Tom Storr

The potential of companion crops with maize to improve soil health and yield

Companion crops may have the ability to improve soil structure and yield of the crop they are sown with. The presentation will discuss the results of a recent trial on organo-mineral soils and some of the challenges that were encountered but maybe solved with the use of the latest drill designs.

