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## In ovo sexing techniques: current and future developments

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## AUTUMN SCHOOL - PPILOW

### Agenda

#### Day 1 - Wednesday 25 October

**8:45 – 9h15 Registration**

**9h15 - 9h35 - Introduction**

Overview of the PPILOW project, objectives and agenda of the summer school - **Anne Collin (INRAE) and Riccardo Carelli/Cesare Castellini**

**9:35 –15.30 - Session: Animal Welfare and ethical issues**

9:35-10:35 - Animal welfare management in organic and low-input outdoor production systems –, **Charlotte Vanden Hole (ILVO), Bas Rodenburg (UU)**

**10:35 – 11:00 – Coffee break**

11:00-11:45: Stakeholder opinions regarding current production practices in organic and outdoor poultry systems; constraints and possibilities for adopting innovative strategies - **Raffaella Ponzio (Slow Food)**

11:45-12:30 Rearing non-castrated male pigs and avoiding boar taint in pork - **Benedicte Lebret (INRAE)**

**12:30-14:00 Lunch**

14:00-14:45 “In ovo sexing techniques: current and future developments”- **Sophie Rehault-Godbert (INRAE)**

14:45-15:30 Evaluation of performance and economy of dual-purpose genotypes as an alternative to the elimination of one-day-old male layer chicks - **Helen Pluschke (TBC)/Petra Thobe (Thuenen), Sarah Lombard (ACTA/ITAB)**

**15:30 - 16:00 Coffee break**

**16.00 - 17.30**

Team Work (4 or 5 groups of participants representing the viewpoint of the actors chain on poultry welfare issues and action to overcome it).

#### Day 2 - Thursday 26 October

**9:00 - 15.30 - Session: Co-adapted systems, genotypes and animals**

9:00 – 9:45 Overview of the most common commercial poultry genotypes (meat and eggs productions) and selection criteria adopted – **Maxime Reverchon (SYSAAF)**

9:45 – 10:45 Principal characteristics of suitable broiler genotypes adapted to outdoor system – **Claire Bonnefous (INRAE)/Simona Mattioli (UNIPG)**

**10:45-11:05 Coffee break**

11:05 – 11:50: Outdoor rearing and evaluation of expected improvement due to pasture enrichment in poultry –**Cesare Castellini (UNIPG)**

11:50 – 12:35 How to develop a framework (MCDA) for the evaluation of One Welfare concept / Economic evaluation of innovations and rearing strategies - **Lucia Rocchi (UNIPG), Petra Thobe (Thuenen), Jarkko Niemi (Luke)**

**12:35 – 14:00 Lunch**

14:00 – 14:45: Improving the robustness of laying hens and piglets against parasitic and bacterial infections. **Vasile Cozma/Marina Spinu (USAMV)**

14:45 – 15:30: Improving piglet robustness through genetics and farrowing housing - **Laurianne Canario (TBC) (INRAE), Lene Pedersen (AU), Pia Vanggaard (Vanggaard Staldmontage)**

**15:30 - 15:50 Coffee break**

15:50 – 16:25: Feedback on the work of the NPGs, **Martina Re (AIAB), Anne Collin (INRAE)** and synthesis of the current state of the change management with practitioners, **Monica Coletta (AIAB)**

**16.25 - 18:00**

Team Work (4 or 5 groups of participants representing the viewpoint of the actors chain on the choice of the best poultry genotypes/housing system in extensive systems, on the management and diets issues).

**Day 3 - Friday 27 October Visit from 8 to 14**

Visit to extensive poultry farms **San Bartolomeo** (Free-range rearing system of broiler with olive trees enrichment)