The First Amino Acid Academy
“Amino Acid Nutrition and Sustainability”

- **ECONOMY - Resources**  |  Chairman: Gert Van Duinkerken
  - Protein resources and dependency
    Thomas Guilbaud, CEREOPA (FR)
  - Alternative feedstuffs & novel proteins, introduction to the new INRA-CIRAD-AFZ feed tables
    Gilles Tran, AFZ (FR)
  - Protein nutritional value of feed ingredients and the influence of processing
    Paul Bikker, WUR (NL)

- **SOCIETY - Biological functions of amino acids and proteins**  |  Chairman: Jaap Van Milgen
  - Overview of amino acid nutrition in monogastrics and humans
    Paul Moughan, Massey University (NZ)
  - Intestinal metabolism of amino acids
    Malcolm Watford, Rutgers University (USA)

- **ENVIRONMENT - Solutions and perspectives**  |  Chairman: Jean-Yves Dourmad
  - How amino acids may help to support an efficient and protective immune response
    Nathalie Le Floc’h, INRA (FR)
  - Amino acid and feed intake
    Gary Schwartz, Albert Einstein College of Medicine (USA)
  - Reducing the environmental impact of monogastric livestock production with feed-grade amino acids: a life cycle perspective
    Florence Garcia Launay, INRA (FR); Bertrand Méda, INRA (FR)
  - Challenge of dietary protein reduction in swine and broilers
    Sophie Tesseraud, INRA (FR); Alfons Jansman, WUR (NL)
  - Precision livestock feeding in swine
    Candido Pomar, Agriculture Canada (CA)

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For more information:
amino-acid.eaap.org