



sitmafrgr



Intensive and environmentally friendly agriculture: an opportunity for innovation in machinery and systems

An update of academic and industrial research and developments

Conference announcement and call for papers

This first conference organised by AXEMA Promotion et Services and EurAgEng,
will be held on 2017 February 25 (Saturday)
in Parc des Expositions de Villepinte, as an introduction to SIMA 2017.

Challenges for agriculture are namely:

- To secure farmers' income
- To optimise input use and management
- To protect soils and biodiversity
- To increase occupational health and safety
- To share technical information and resources
- To comply with regulations

The farmers' job is changing as well as their means and practises. **The conference is intended to emphasise the positive impact of such new agricultural practises on development of innovative equipment.**

Machinery and information systems will play a key role
and bring significant improvements in numerous areas

- Machinery output rate, efficiency and work quality
- User friendly or automatic adjustments
- Implementation of efficient sensors,
- Improved agronomic models
- New decision support tools (DST),
- Communication and interaction of systems and machinery
- Monitoring the impact of machinery use on the environment,

This conference will create an opportunity for exchanges between R&D players from industry and those from academic and research sectors including non-agriculture specialists. Time will be included for networking.
Conference language will be English

Presentations (20mn +10mn discussion each) are invited in main topics below:

- Tractors, self-propelled machinery and engines
- Transmission/drive line (mechanics, hydraulics, electrics....)
- Grain harvesting and storage
- Cultivation (soil working, seeding, fertilising, spraying...)
- Livestock machinery
- Robotics and automation
- Test and simulation
- Methods for design/development of machinery
- Machinery management
- Data management, algorithms and software

Registration fees (including lunch, coffee, refreshments, documents, pass to SIMA):

Participant	150 € (late registration: 200 €)
Students	75 € (late registration: 100 €)
Speakers	100 €

Contact secgen@eurageng.eu - info.conference@axema.fr

Information <http://www.axema.fr/Evenements>
<http://www.eurageng.eu/>

Important dates

- Call for paper	01 September 2016
- Deadline for submission of abstracts	30 October 2016
- Acceptance notification to authors	30 November 2016
- Deadline for sending full paper	15 January 2017
- Opening of registration	15 October 2016
- Deadline for registration: normal fee	31 December 2016
- Deadline for late registration	15 February 2017

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Submission of papers

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The authors are invited to present their current technical solution from research and development either as papers or posters. **They submit an abstract, by October 30, 2016, to info.conference@axema.fr.**

This abstract of no more 400 words shall contain:

- title of the paper
- authors
- keywords
- proposal for oral presentation or poster
- proposal for a specific topic (see above "presentations")

Based on the abstracts, the Scientific and technical Committee will decide on the acceptance of the papers as oral or poster presentations.

The criteria for selection will include:

- innovation
- interest and relevance to current or near future market needs
- experience, theory or modelling content
- scientific quality
- interest and relevance to Agricultural Engineering
- interest for the EurAgEng Society

Selected authors shall send their full papers (maximum 10 pages including figures, tables and references), **by January 15, 2017**, at the latest.

Papers from Industry or joint papers from Industry and research bodies are much welcome

Authors are encouraged to submit their papers to Biosystems Engineering which is the official scientific journal of EurAgEng Society.

Chairman of the Conference

Patrick Pérard, CEO Pérard, Président AXEMA

Scientific and technical committee

Chairman: Jeannot Hironimus, Vice-president, Product portfolio and business development, KUHN
(list of members to come)

Organizing committee

AXEMA Promotion et Services (APS) in collaboration with EurAgEng, SitmaFGR and stakeholders

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