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SUMMER SCHOOL ON Air Bio Treatment



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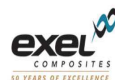


| | Monday 1 Sept 2014 | Tuesday 2 Sept 2014 | Wednesday 3 Sept 2014 | Thursday 4 Sept 2014 | Friday 5 Sept 2014 |
|---------------|---|--|---|--|--|
| 8:00 - 8:30 | Welcome | Welcome | Welcome | Welcome | |
| 8:30 - 10:00 | Course on Project & Time Management | Course on New Business Development | TrainonSEC Project Meeting Year 1 | NEXT AIR BIOTREAT Project Meeting Year 3 | |
| 10:00 - 10:30 | | | Instructor: B. Smit | Instructor: A. Schoonhoven | Supervisory Board Meeting |
| 10:30 - 12:30 | Audience: PhD fellows | Audience PhD fellows | Workshop on Air Bio Treatment (I) Keynote Speakers | Workshop on Air Bio Treatment (II) Keynote Speakers | |
| | Lunch | Lunch | Lunch | Lunch | |
| 13:00 - 16:00 | Course on Project & Time Management | Course on New Business Development | Lecture room TrainonSEC Fellows | Lecture room WP3 - NAB WP4 - NAB Invited lecture | |
| 16:00 - 16:30 | | | Round table Fellows – Superv. Board | Round table | |
| 16:30 - 17:00 | Closure | Closure | Closure | Closure | |



[Detailed Programme](#)
(Updated 22 July 2014)

Participants



Organizer



Wednesday, 3 September

8:00 – 8:30 *Registration Coffee*

TrainonSEC Project Meeting Year 1

8:30 – 8:40 **Welcome and Introduction** by Albert Waalkens (PAS Solutions, Chair)

8:40 – 8:50 **Tour de table**

8:50 – 9:30 **Coordinator's report** by Carmen Gabaldón (Universitat de València)

9:30 – 10:00 **Training Presentation** by Paula Marzal (Universitat de València)

10:00 – 10:30 **Supervisory Board Meeting**

Workshop on Air Bio Treatment (I)

10:30 – 11:15 **Opening Lecture** *Environmental sustainability assessment of technology*
Prof. Jo Dewulf (Ghent University)

11:15 – 12:00 **Keynote** *The times, they are changing! Biogas as renewable energy resource*
Douwe Faber (Ekwadraat)

12:00 – 12:30 **Keynote** *Cost saving and effective abatement of H₂S and odours: latest developments in SULPHUS biotrickling filter system*
Dr. Feliu Sempere (PAS Solutions)

Lunch

13:30 – 14:00 *Study of anaerobic biodegradability of soluble solvents*
Nadine Vermorel (Universitat de València)

14:00 – 14:30 *Operation and optimization of Boncus Anaerobic Bioscrubber*
Daniel Bravo (PAS Solutions)

14:30 – 15:00 *Design consideration in anaerobic reactor*
Christos Stiapis (Universitat de València)

15:00 – 15:30 *LCA to prove the Best Available Technology for targeting VOCs*
María Jesús Sánchez (PAS Solutions)

15:30 – 16:00 *Membrane technologies in anaerobic biodegradation of solvents*
María Henares (Universitat de València)

16:00 – 16:30 **Meeting** between the MC Fellows and the Supervisory Board

16:30 – 16:50 **Research Coordination Symposium** Meeting with Supervisors

16:50 – 17:00 **Closing Remarks**

Location

Thursday, 4 September

8:00 – 8:30 *Registration Coffee*

Next Air Biotreat Project Meeting Year 3

8:30 – 8:40 **Welcome and Introduction** by Albert Waalkens (PAS Solutions, Chair)

8:40 – 8:50 **Tour de table**

8:50 – 9:30 **Coordinator's report** by Carmen Gabaldón (Universitat de València)

9:30 – 10:00 **Open questions**

10:00 – 10:30 *Coffee break*

Workshop on Air Bio Treatment (II)

10:30 – 11:15 **Opening Lecture** *Opportunities for biological VOC removal: new advancements*

Albert Waalkens (PAS Solutions)

11:15 – 11:45 **WP2. Deliverable 2.1** *Applicability of biological water treatment to the removal of hydrophilic VOC*

Prof. Carmen Gabaldón (Universitat de València)

11:45 – 12:30 **Invited keynote** *A new understanding of shifts in microbial populations degrading VOCs as illustrated by application of advanced molecular tools*
Dr. Kevin Portune (Universitat de València)

Lunch

13:30 – 14:15 **WP4. Deliverable 4.1** *Guidelines on performance of responsive control tool*
Dr. Feliu Sempere (PAS Solutions)

14:15 – 15:00 **Invited keynote** *From TView to Remus & other developments*
Dr. Salvador Alcántara (SIPRO Ingeniería)

15:00 – 15:30 *Dynamic simulation of biotrickling filters: application to laboratory and industrial data*

Pau San Valero (Universitat de València)

15:30 – 16:00 **WP3. Deliverable 3.1** *Peak shaving biotechnology for removal of styrene*
Prof. Vicente Martínez (Universitat de València)

16:00 – 16:30 **Research Coordination Symposium** Chair: Albert Waalkens

16:30 – 17:00 **Closing Remarks**

Location