16th Suprofruit - Presentations

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|   | Name | Title |
|  | Jan van de Zande | [Precision spray application in fruit growing: recent and future issues](https://nextcloud.inrae.fr/s/Sd3TNQXa2MsxmGD) |
|  | Anne Alix | [Introduction to the European Precision Application Task Force (EUPAF): remit and ongoing activities](https://nextcloud.inrae.fr/s/oJASgKekQ4n2RB5)  |
|  | **Session 1 : Precision technologies and precision spray**  |
| Francisco Garcia-Ruiz | [1.1 Variable Rate Application in mountain viticulture based on canopy maps generated by satellite remote sensing](https://nextcloud.inrae.fr/s/aCtnCKoBnkM6yM8) |
| Lars Berger | 1.2 3D Computer Vision for Real Time Sprayer Adjustments |
| Erdal Ozkan | [1.3 Current Status of Real-time Target-oriented Spray Application Research in Ohio](https://nextcloud.inrae.fr/s/Q5Q8DQ7Y5PCa7ir) |
| Patricia Chueca | [1.4 Spray technologies in 3D crops grown in Southern Europe: a state-of-the-art survey](https://nextcloud.inrae.fr/s/dY9aSYHQxkXtDLY) |
| Zbigniew Czaczyk | 1.5 Do the different field scenarios require properly optimized droplet characteristics? |
| Charles Whitfield | 1[.6 Blackberry Fruit Ripeness Analysis – Working Towards Application of Augmented Reality on Farms](https://nextcloud.inrae.fr/s/gzgf9sJxZM7Sn9E) |
| Anice Cheraiet | [1.7 LIDAR based Porosity and LAI measurement: Can we use LIDAR scanning on one side only?](https://nextcloud.inrae.fr/s/NpQTXDi4t8NMSyz)  |
|  | **Session 2 – Spray deposit** |
| Sebastien Codis | [2.1 PERFORMANCE PULVÉ®: a labelling system for vineyard sprayers based on their performance in terms of spray quality and potential for PPP dose reduction. Review after two years of implementation](https://nextcloud.inrae.fr/s/ejkZAd8ecwJpysb) |
| J Gideon Van Zyl | [2.2 Evaluating the influence of drape netting on spray deposition and disease control in apple orchards using apple scab as a model pathogen](https://nextcloud.inrae.fr/s/x6b6zwaRzyxFZPw) |
| Vincent Philion | [2.3 Row by row exclusion netting in apple orchards negatively impact spray deposition but don’t prevent spray efficacy](https://nextcloud.inrae.fr/s/bKRQaN4qMrfYmbe). |
| Yoan Hudebine | [2.4 PerformancePulvé Arbo: comparative assessment of orchard sprayer efficiency under standardized indoor conditions](https://nextcloud.inrae.fr/s/9WtitzRcXNRkxgj) |
| Tanja Pelzer | [2.5 OptiSpray: Sprayer classification for pesticide savings based on deposition and efficacy trials in orchards and vineyards](https://nextcloud.inrae.fr/s/QT2nLNWCfTdQDMD) |
| Justine Garnodier | [2.6 Influence of application material on spray deposition on strawberry in tabletop growing system](https://nextcloud.inrae.fr/s/adYLBTXSyRe9jmf)  |
| Jean-Marie Michielsen | [2.7 Deposition of coarse droplets in dormant apple trees](https://nextcloud.inrae.fr/s/X7LjEtPSWnk65pt) |
| Adel Bakache | [2.8 A new tool and a rapid methodology to assess the spray application quality in vineyards and orchards](https://nextcloud.inrae.fr/s/sSxd4qpiKRMcGm7) |

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|  | **Session 3 – New spraying technologies, air, drones** |
| Marco Grella | [3.1 Effect of UASS spray application rates on vines canopy deposit](https://nextcloud.inrae.fr/s/rE9cyG84Dgfta89) |
| Daniel Bondesan | [3.2 Hydraulic-based fixed spray delivery system: preliminary result of apple scab management in Italy](https://nextcloud.inrae.fr/s/7yM3XbXnymgP78j) |
| Pierre-Henri Dubuis  | [3.3 Determination of drift and exposure of bystanders and residents during treatment with a UASS in an apple orchard](https://nextcloud.inrae.fr/s/f44i4NnyCEZn4Ag) |
| Pengchao Chen | [3.4 Spray quality assessment of unmanned aerial spraying system in tropical fruit trees in southern China](https://nextcloud.inrae.fr/s/NfNtJPBfPoqYKQS) |
| Jean-Paul Douzals  | [3.5 Return on Experience on the use of UASS for plant protection application on crops grown on steep slopes in France.](https://nextcloud.inrae.fr/s/zrrn69ZaxKMCPmx) |
| Santiago Planas de Marti | [3.6 Assessment of Unmanned Aerial Sprayer Systems (UASS) for drift and spray quality.](https://nextcloud.inrae.fr/s/WyM6nMkbTR8kxkT) |
| Eric Mozzanini | [3.7 Cleaning performance of a pneumatic-based SSCDS designed for crop protection in modern orchard systems](https://nextcloud.inrae.fr/s/CCH2N9ZZDjFCsnG) |
| Tobias Hüni | [3.8 Thanks to air support: Spray effectively and efficiently from 0.5 up to 13m and saving up to 40% liquid](https://nextcloud.inrae.fr/s/CCH2N9ZZDjFCsnG) |
| Peter Triloff | [3.9 Target Adapted Dosing and Spray Application in 3D Crops](https://nextcloud.inrae.fr/s/ZiewoELoAJcsNxC) |
| Gaétan Fleury | [3.10 The aeroconfined© BLISS-ecospray concept, a new type of sprayer to eliminate sprayer losses at their source](https://nextcloud.inrae.fr/s/fLSdsZNCdxRfp55) |
|  | **Session 4 – Spray Drift** |
| Jan van de Zande | [4.1 Airborne spray drift and ground deposition spraying an orchard with standard and drift reducing techniques](https://nextcloud.inrae.fr/s/eDwXtqHtiJscP6q) |
| Adrien Verges | [4.2 Spray drift measurements in 3D crops using several collection methods. Evaluation of different scenarios in the French context.](https://nextcloud.inrae.fr/s/c7HaRjTGaBM9LLy) |
| Katrin Ahrens | [4.3 Drift 3D, exposure of residents and bystanders during the application of plant protection products in orchards](https://nextcloud.inrae.fr/s/8eJF6KpnmnxDqF5) |
| Kris Ruysen | [4.4 Drift reducing effects on wind break screens](https://nextcloud.inrae.fr/s/CfnKdA8aNG2gDda) |
|  | Nils Bjugstad | [4.5 A novel and simple method for potential spray drift measurements in orchards](https://nextcloud.inrae.fr/s/7Nfg6CHQosdAdCB) |
|  | Cruz Garcera | [4.6 Reduction of pesticides in the environment by the use of CitrusVol tool and spray drift reduction techniques during applications in citrus](https://nextcloud.inrae.fr/s/arfZ8fjGBxEiM53) |
|  | Jean-Paul Douzals | [4.7 ADDI Spray Drift: A spray drift model for vine sprayers](https://nextcloud.inrae.fr/s/pbxr5PLa8zF6ZSp)   |
|  | Dirk de Hoog | 4.8 A novel method for drift calculations in orchards |
|  | **Session 5 – Operator and environmental safety** |
| Roberto Beltrán-Martí  | [5.1 Do hydraulic pumps of sprayers influence the performance of Beauveria bassiana (Balsamo) Vullemin as biocontrol agent?](https://nextcloud.inrae.fr/s/SoGn6ALKdwaRPPf)  |
| Nesrine Bouchekoum | [5.2 Main defaults of vine and orchard sprayers observed during sprayer inspection](https://nextcloud.inrae.fr/s/xDAsGaeHrdTXpBi) |
|  | Sonia Grimbuhler | 5.3 NewPom Project: Worker exposure to pesticides in apple orchards |
|  | Paolo Marucco | [5.4 Indoor measurements to develop a methodology for spray mass balance assessment from air-assisted sprayers](https://nextcloud.inrae.fr/s/2ro4s9xCRiMsPJb) |
|  | Julien Ruesch | [Project Ecopeche 2](https://nextcloud.inrae.fr/s/fPkM6DrdAzmeY8w) |
|  | Florence Verpont/Jan Stuperaert | [Injection](https://nextcloud.inrae.fr/s/FQSsaCGBMDPymW9)  |

You may also find these links useful:

* [Book of abstracts](https://nextcloud.inrae.fr/s/bPEky5aQz468GT7)
* [workshop pictures](https://nextcloud.inrae.fr/s/caZscC3fXYBf37d)