



INTERNATIONAL SUMMER SCHOOL

The programme will be developed in the following sessions:

SESSION 1

BIOLOGY, GENETICS AND PATHOGEN-HOST-INTERACTION

10 – 21 SEPTEMBER 2018

10 September 2018

9:00 am -12 noon: Official opening of the course

•Welcome speech by the Organizers (CIHEAM Bari – CNR-IPSP – CRSFA – UNIBA)

•Presentation of the H2020-MSCA-RISE-2016 Programme and the project CURE-XF (M. El Moujabber, Project Coordinator, CIHEAM Bari)

•Presentation of the objectives and program of the course (M. El Moujabber, Project Coordinator, CIHEAM Bari)

•Participant's presentation (2 slides each to introduce themselves and to explain what they expect from the course)

3:00 -5:00 pm: Free afternoon for administrative issues (S. Centonze, CIHEAM Bari)

11 September 2018

9:00 am -12 noon: Introduction on *Xylella fastidiosa*: the bacterium, the vectors and main diseases worldwide (A.M. D'Onghia, CIHEAM Bari)

3:00 -5:00 pm: *Xylella* multi-language terminology (E. Lapedota & M. Marini, CIHEAM Bari)

12 September 2018

9:00 am - 12 noon: *Xylella fastidiosa* in Europe: current situation, E. Marco Noales (IVIA), D. Boscia (CNR)

3:00 - 5:00 pm: *Xylella* multi-language terminology (E. Lapedota & M. Marini, CIHEAM Bari)

13 September 2018

9:00 am - 12 noon: Insight into host-pathogen interactions (P. Saldarelli, CNR)

3:00 - 5:00 pm: Practical session on pathogenicity studies (artificial inoculations, symptom scoring) (M. Saponari, CNR & F. Valentini, CIHEAM Bari)

14 September 2018

Field trip in the infected area (F. Valentini, CIHEAM Bari, D. Boscia & F. La Notte, CNR)

17 September 2018

Literature review

18-19-20 September 2018

2° MedForum for PhD Students and Young Researchers

21 September 2018

9:00 am - 12 noon & 3:00 - 5:00 pm: Introduction to bacterial genomics and insights into the genetics of *Xylella fastidiosa*, theory and practical sessions (B. Landa & J. Imperial, CSIC)

SESSION 2

DIAGNOSIS AND STRAIN CHARACTERIZATION

24 - 28 SEPTEMBER 2018

24 September 2018

9:00 am - 12 noon: Continuation Bacterial genomics and the genetics of *Xylella fastidiosa*, theory and practical sessions (B. Landa & J. Imperial, CSIC)

3:00 - 5:00 pm: Project cycle management (C. Bogliotti & G. Ladisa, CIHEAM Bari)

25-26 September 2018

Detection and identification of *Xylella fastidiosa* in host plants and vectors

-Tools for monitoring and surveillance (F. Valentini & F. Santoro, CIHEAM Bari)

-Field Sampling (F. Valentini & S. Gualano, CIHEAM Bari)

-Serological and molecular approaches (K. Djelouah, CIHEAM Bari, G. Loconsole & O. Potere, UNIBA)

27 September 2018

9:00 am - 12 noon: EPPO protocol (M. Saponari, CNR)

3:00 - 5:00 pm: Practical sessions in the laboratories (CRSFA, CIHEAM Bari, UNIBA & CNR)

28 September 2018

Field trip for sampling demonstration (F. Valentini, CIHEAM Bari & F. Palmisano, CRSFA)

XYLELLA FASTIDIOSA: DETECTION, EPIDEMIOLOGY AND CONTROL MEASURES

CIHEAM BARI
10 SEPTEMBER
17 OCTOBER 2018

The 1st CURE-XF International Summer School on: "*Xylella fastidiosa* – detection, epidemiology and control measures", is jointly organised by CIHEAM Bari (Italy), CNR-IPSP (Italy), CRSFA (Italy), UNIBA (Italy) in collaboration with XF-ACTORS and PonTE projects

#CureXFSS2018

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SESSION 3

CONTROL, CONTAINMENT AND MANAGEMENT MEASURES

1 - 9 OCTOBER 2018

1 October 2018

9:00 am - 12 noon & 3:00 - 5:00 pm: Modelling the spread of Xylella fastidiosa for improving the surveillance programs (D. Chapman, UKRI)

2 October 2018

9:00 am - 12 noon & 3:00 - 5:00 pm: Analysis for Pest risk assessment of Xylella fastidiosa (J.A. Navas-Cortes, IVIA)

3 October 2018

9:00 am -12 noon: Insect vectors of Xf pauca ST53 OQDS: a chain of events peaking to transmission. (F. Porcelli, UNIBA)

3:00 - 5:00 pm: Control of insect vectors (E. Dongiovanni, CRSFA)

4 October 2018

9:00 am -12 noon & 3:00 - 5:00 pm: Approaches for trapping insect vectors (H. Nayem, Russel IPM)

5 October 2018

9:00 am -12 noon & 3:00 - 5:00 pm: Practical sessions: Insect collection and in-field identification (E. Dongiovanni, CRSFA V. Cavaliere, CNR F. Porcelli, UNIBA)

8 October 2018

9:00 am -12 noon & 3:00 - 5:00 pm: Tools for bacterial control: genetic resistance and other applications (F. La Notte, CNR)

9 October 2018

Field trip (genetic resistance and other applications, F. La Notte, CNR)

SESSION 4

SOCIO-ECONOMIC IMPACTS AND REQUIREMENTS OF THE EU PHYTOSANITARY LEGISLATION

10 - 17 OCTOBER 2018

10 October 2018

9:00 am-12 noon: Phytosanitary measures and EU legislation on X. fastidiosa (D. Boscia, CNR)

3:00 - 5:00 pm: EFSA Scientific opinion on Xylella fastidiosa (C. Bragard, UCL)

11 October 2018

9:00 am -12 noon: Surveys for early detection and prevention of entry of Xylella fastidiosa in Greece, in compliance to the EU phytosanitary legislation (M. Holeva, BPI)

3:00 - 5:00 pm: Meeting with stakeholders and producers: discussion on the economic and social impacts (L. Catalano, Agrimeca)

12 October 2018

9:00 am -12 noon: Presentation of Save the Olives Onlus (C. Parma, CIHEAM Bari)

3:00- 5:00 pm: Women's entrepreneurship (R. Quagliariello & C. Ciannamea, CIHEAM Bari)

15-16 October 2018

CURE-XF Mid-Term Meeting

17 October 2018

9:00 am - 12 noon: Xylella fastidiosa: current situation in France (M.A. Jacques, INRA)

3:00- 5:00 pm: Diploma delivery

XYLELLA FASTIDIOSA: DETECTION, EPIDEMIOLOGY AND CONTROL MEASURES

CIHEAM BARI 10 SEPTEMBER 17 OCTOBER 2018

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#CureXFSS2018

PARTICIPANTS

Egypt: Rabab Mohamed, Ashraf Aly, Shaimaa Mohamed, Omnia Elfar

ARC

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CIHEAM MAICH

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