



European Weed Research Society

3rd CIRCULAR

3rd WORKSHOP OF THE EWRS WORKING GROUP: WEEDS AND BIODIVERSITY

**LLEIDA, Spain
12-13 March 2009**

Dear Colleague,

The 3rd workshop on 'Weeds and biodiversity' has attracted an overwhelming number of participants (76) and has resulted in a high number of quality contributions (49). It demonstrates the broad interest in this field of research and stresses the need for meetings and discussions on the theme. The high turnout called for some organizational and logistical changes, some of which may have consequences for you. We ask you kindly to pay close attention to changes as compared to the 2nd circular. In particular, we changed the venue and now recommend other hotels for accommodation than mentioned in the 2nd circular.

Due to time constraints, it was impossible to grant everybody oral presentations. We regret if this is cause for disappointment. In addition, we limited the length of oral presentations to 10 min (except invited speakers). Furthermore, to preserve the 'workshop' character of the meeting we maintained the discussion session, and hope it will help those new to the subject, in particular the many students, to become familiar with the themes.

We are thrilled and honoured to host this particular meeting and we are looking forward to welcoming you in friendly Lleida, Spain!

Local organizers: Paula Westerman, Barbara Baraibar & Jordi Recasens

EWRS working group: Bärbel Gerowitt, Paolo Bàrberi



New venue

The venue of the meeting has been changed from ETSEA campus to **Cap Pont campus** (→). Cap Pont campus is located on the south side of the river Segre, close to the city centre. We will meet in the Sala de Videoconferencia, on the ground floor of "Edifici Emblemàtic", which is the first building on the right hand side when you cross the river Segre via the bridge 'Pont de la Universitat'. The address is **Avenida Jaume II No. 67, 25001 Lleida. Should you get lost, ask for the University Library, Cap Pont.**

Cap Pont is home to the campus library and the Faculties of Law and Economics, and Educational Sciences. Cap Pont campus also houses university residences, a general management building, and a teaching building.



Accommodations and meals

Participants are requested to make their own arrangements for accommodations. Due to a change of venue, we recommend booking one of the three following hotels, which are close to Cap Pont campus:

➔ Catalonia Transit (€ 65-75)
Plaça Ramon Berenguer IV S/N
25007 Lleida, Spain
Tel. +34 973 230008
Fax + 34 973 222785
<http://www.cataloniatransit.com>

➔ Hotel Real Lleida (€60-70)
Avda. Blondel, 22
25002 LLEIDA
Tel. +34 973 239405
Fax +34 973 239407
e-mail : info@hotelreallleida.com
<http://www.hotelreallleida.com/>

➔ Hotel Zenit (€ 80-100)
General Brito, 21
25007 Lleida (Spain)
Tel. +34 973 229191
Fax +34 973 229190
lleida@zenithoteles.com
<http://www.zenithoteles.com/index.aspx>

Important 1: In each of the above hotels a limited number of rooms have been reserved for the workshop. Rooms will be kept available until a month before the Workshop. When you make your reservation, please mention that you are coming for the Workshop "Weeds and Biodiversity" from the University of Lleida.

Important 2: Participants who booked Hotel Nastasi are requested to try to cancel their reservation and book one of the above hotels.

Important 3: If you want to share a room, but you need help to find a roommate, please let us know (barbara.barraibar@ewrs.org).

Meals

Tea and coffee will be served in the poster area next to the meeting room, and lunches will be served at the Cap Pont Campus restaurant. **Dinner on Thursday evening will be held in Hotel Zenit and costs are partly covered by the registration fee. We kindly ask you for a small contribution (€ 15). If you prefer a vegetarian meal or have specific dietary needs, please contact us (barbara.barraibar@ewrs.org).**

Transport within Lleida

The venue is within walking distance of all hotels (**except hotel Nastasi**). However, if you prefer to ride, busses run to and from Cap Pont campus. Take lines L1, L2, L4, L7, L8 or L11 from the train station (Estació de Renfe ➡) to the busstation (Estació d'autobusos ➡). From the bus station cross the river Segre to reach Cap Pont campus. Take L10 or LCC to return from the bus station to the train station (or any intermediate stops).

Poster presentations

In the hall next to the Sala de Videoconferencia is room for 30+ posters on wooden boards and glass panels. The width of the boards/glass panels is 120 cm, but we suggest a maximum width of posters of 100 cm. Posters are attached to the glass panels using double sided adhesive tape and to the board using pins.

Oral presentations

The length of oral presentations is limited to 10 min. (except invited speakers). Session chairs will guard the time and intervene if necessary. A beamer is available for Powerpoint presentations. **There are no overhead or slide projectors.** Powerpoint presentations need to be compatible with our operating system which is **Windows XP**.

Uploading files for oral presentations

The first four speakers on Thursday morning (i.e., Lena Ulber, Silvia Winter, Penny Fletcher and Richard Smith) are kindly requested to send their Powerpoint presentation to Paula Westerman two weeks prior to the Workshop. All other presenters are requested to upload their presentations from CD or USB flash drive during coffee or lunch break preceding their session. Technical assistance will be present.

Address and Organization

Local organisers

Paula Westerman, Tel. +34 973702554
(paula.westerman@ewrs.org),
Barbara Baraibar
(barbara.baraibar@ewrs.org)
& Jordi Recasens

EWRS working group

Bärbel Gerowitt (baerbel.gerowitt@ewrs.org)
Paolo Bàrberi (barberi@sssip.it).

Address

Dept. Hortofruticultura, Botanica y Jardineria
Escola Tècnica Superior d'Enginyeria Agraria
Universitat de Lleida, Av. Alcalde Rovira
Roure 191, 25198 Lleida, Spain

Meeting:

"Edifici Emblemàtic", Avenida Jaume II No.
67, 25001 Lleida, Spain

Workshop program - overview

Wednesday 11 March

20:00 Registration and welcome drink (Hotel Zenit)

Thursday 12 March

Sala de videoconferencia Cap Pont

08.30 Workshop materials and badges

09.00 Welcome, Opening address, and Introduction to the workshop

09.30 Session 1 Oral – Various biodiversity (4 presentations)

10:30 – 11:15 Coffee break amidst posters

11.15 Session 2 Oral - Landscape, field margins or farming systems; what matters most for arable biodiversity (6 presentations)

12.45 Poster session (26 posters).

13:30–15:00 Lunch at the cafeteria Cap Pont

15.00 Keynote addresses (2 presentations)

16.30 Discussion session 'What matters most for arable biodiversity?'

18.30 Organizational issues

18.45 End

20.30 Dinner (**Hotel Zenit**)

Friday 13 March

Sala de videoconferencia Cappont

08.45 Organizational issues

09.00 Reports from discussion groups

10.00 Session 3 Oral – Weed seed predation (2 presentations).

10:30 – 11:15 Coffee break amidst posters

11.15 Session 3 Oral – Weed seed predation, continuation (6 presentations).

12.45 Poster session (5 posters + posters Thursday)

13:30–14:30 Lunch at the cafeteria Cap Pont

14.30 Plans for the future

15.30 Concluding remarks

16.00 End

Full program

Wednesday 11 March

20:00 Registration and welcome drink (Hotel Zenit)

Thursday 12 March

09.30 - 10.30 Session 1 Oral – Various biodiversity services, oral 1-4

Session chair: Bärbel Gerowitt

- Or 1.** Lena Ulber, Horst-Henning Steinmann, Bärbel Gerowitt. Rewarding farmers for delivering arable plant diversity – a case-study approach
- Or 2.** S. Winter & M. Kriechbaum. Control of the toxic grassland weed *Colchicum autumnale* within a nature conservation project.
- Or 3.** Penny Fletcher, John Cussans, Alice Mauchline, Simon Potts and Juliet Osborne. Isolation and pollination of wild plants in arable fields.
- Or 4.** Richard G. Smith, David A. Mortensen, and Matthew R. Ryan. A new functional role for diversity in agroecosystems: resource pools and weed-crop competition.

Thursday 12 March

11.15 - 12.45 Session 2 – Landscape, field margins or farming systems; what matters most for arable biodiversity (oral 5-10)

Session chair: Jordi Recasens.

- Or 5.** Doreen Gabriel, Steven M Sait, William E Kunin & Tim G Benton. Effects of organic farming on plant diversity in crop and grass fields at different spatial scales.
- Or 6.** Michael Glemnitz & J. Hufnagel. Weed species diversity in energy cropping systems: potentials and threats.
- Or 7.** J.F. Egan and D. A. Mortensen. Linking plant diversity and land use patterns in agricultural landscapes.
- Or 8.** Xavi Solé, Joel Torra, Aritz Royo, Joan Pedrol, Josep Antoni Conesa and Jordi Recasens. Additive partitioning of weed richness and diversity in rainfed cereal systems across multiple spatial scales.
- Or 9.** Sabrina Gaba, Fabrice Dessaint, Bruno Chauvel and Sandrine Petit. Weed species richness depends on the spatial heterogeneity of the landscape mosaics.
- Or 10.** Terho Hyvönen, Erja Huusela-Veistola & Mikko Kuussaari. Enhancing ecosystem service provision by floral biodiversity in long-term set-asides.

Thursday 12 March

12.45-13.30 Poster session, posters 1-26

Session chair: Paolo Bàrberi

- P 1.** Stefan Meyer, C. Leuschner, K. Wesche, T. van Elsen & W. Güthler. "Weeds in need" – a new conservation scheme for Germany's arable wild plants.
- P 2.** A. Légère, A.G. Thomas, J.Y. Leeson, F.C. Stevenson, F.A. Holm, B. Gradin & G. Kratchmer. Weed diversity and species assembly across six IWM systems in prairie cropping systems.

- P 3.** M. Nečasová, L. Tyšer & J. Soukup. Differences between weed communities under conventional and organic management.
- P 4.** John, Maria, Bärbel, Gerowitt. Diversity measures of weed communities regarding crop type and management.
- P 5.** B. Caballero-López, J.M. Blanco-Moreno, N. Pérez, J. Pujade-Villar, D. Ventura & F. X. Sans. Effect of farming management on plant and arthropods community in dryland wheat fields
- P 6.** A. Cirujeda, J. Aibar and C. Zaragoza. The weed composition in cereal fields reflects the agricultural intensity level in Aragón.
- P 7.** S. Bellanger & H. Darmency. *Centaurea cyanus* as indicator of biodiversity.
- P 8.** M. B. Mesgaran, H. R. Mashhadi, S. Ohadi & M. Khosrav. The effect of saffron (*Crocus sativus*) and black zira (*Bunium persicum*) intercropping on weed flora and seedbank.
- P 9.** A. Cirujeda, S. Murillo, E. Langa and C. Zaragoza. Establishment of vegetation in field margins left set-aside after different years in a dryland area in Aragón.
- P 10.** F. Dessaint, S. Petit & B. Chauvel. Spatial scale and intensity of species turnover in weed communities.
- P 11.** Miia Jauni & Terho Hyvönen. The occurrence of alien plant species in field margins in Finland.
- P 12.** Holec, J., Necasova, M., Soukup, J., Hamouz, P. Changes of the weed flora during 20th century – a case study on the area of the Czech Republic.
- P 13.** J. Soukup, M. Laksarová, M. Jursík, J. Holec, V. Venclová. Effect of glyphosate on weed occurrence during the vegetation of GM maize.
- P 14.** Goerke, Kristin; Gerowitt, Bärbel. Weed biodiversity in German oilseed rape fields.
- P 15.** J. Izquierdo, J. M. Blanco-Moreno, L. Chamorro, J. L. González-Andújar, F.X. Sans. The biodiversity has a spatial distribution within a field.
- P 16.** Jukka Salonen & Terho Hyvönen. Repeated surveys in Finland follow the changes of weed flora in spring cereal fields.
- P 17.** B. Chauvel, F. Dessaint, D. Charbonnier & P. Inauschti. Estimation the weed flora observed in the margin strips in the experimental site of Chizé
- P 18.** S. Cordeau & B. Chauvel. Sown grass field margin strips: such a rich and biodiverse habitat!
- P 19.** J. Costa, R. Garnett, C. Novillo. Herbicide stewardship for biodiversity.
- P 20.** J. Hoffmann, M. Glemnitz, L. Radics & G. Czimber. Assessing changes in weed flora diversity due to climate change in Europe.
- P 21.** G. Basteri, S. Benvenuti, P.L. Cioni & G. Flamini. Wildflowers volatile emission to entomofauna attractivity: some possible relations between flower shapes and phytochemicals.
- P 22.** S. Benvenuti, G. Basteri, F. Berta, M. Innocenti & C. Campagna. Emergence dynamics of sown wildflower strips in different Tuscany agro-ecosystems.
- P 23.** D. Loddo, A. Russo & S. Benvenuti. Influence of traditional crop seed cleaning techniques on the presence of cornflower (*Centaurea cyanus* L.) and corn cockle (*Agrostemma githago* L.) in winter cereal fields

P 24. S. Roupael, G. Bocci, A.C. Moonen and P. Bàrberi. Does the vegetation affect the activity/density of generalist predators of the pupae of the Olive fruit fly [*Bactrocera oleae* (Gmelin)]?

P 25. N.B. DeBarros, D.A. Mortensen. Assessment of twenty-five North American perennial plant species for pollinator conservation.

P 26. O. Lalonde, A. Vanasse, M. Roy & A. Légère. Carabid beetles are more abundant in a no-till organic cropping system.

Thursday 12 March

15.00-16.30 Keynote addresses

followed by a debate hosted by Bärbel Gerowitt.

K 1. EJP Marshall. Arable biodiversity: evolving challenges

K 2. Matt Liebman. Biodiversity and the management of weeds and other non-crop vegetation in arable farming systems

Thursday 12 March

16.30 -18.30 Discussion session 'What matters most for arable biodiversity?'

Hosted by Paula Westerman and Joel Torra.

Further details will be announced at the workshop.

Friday 13 March

10.00-10.30 Session 3 Oral – Weed seed predation, oral 11-12

Session chair: Paula Westerman

Or 11. B. Baraibar, P.R. Westerman, E. Carrión & J. Recasens. Effects of tillage and irrigation in cereal fields on weed seed removal by seed predators.

Or 12. Jonathan G. Lundgren and James D. Harwood. Diverse consumption of insects and weed seeds by granivorous omnivores.

Friday 13 March

11.15-12.45 Session 3 Oral (cont.) – Weed seed predation, oral 13-18

Session chair: John Lundgren

Or 13. Helmut Meiss, Lise Le Lagadec, Nicolas Munier-Jolain, Rainer Waldhardt, Sandrine Petit. Post-dispersal seed predation of 7 weed species increases with vegetation cover.

Or 14. C. L. Williams, M. Liebman, P.R. Westerman, J. Borza, Dave Sundberg, & B. Danielson. Over-winter predation of *Abutilon theophrasti* and *Setaria faberi* seeds in arable land.

Or 15. P. Saska, Z. Martinkova & A. Honek. Temperature and seed predation rate in ground beetles (Carabidae).

Or 16. Paula R. Westerman, Jaclyn K. Borza, Jelena Andjelkovic, Matt Liebman, Brent Danielson. Density-dependent predation of weed seeds in Iowa corn field.

Or 17. A. Honek, Z. Martinkova, P. Saska & S. Koprdoва . The role of seed predation in establishment of *Taraxacum officinale* (dandelion) plants.

Or 18. D. Daedlow, B. Baraibar, P.R. Westerman, F. de Mol. Comparing methods to measure the effect of weed seed densities on seed predation rates in cereals.

Friday 13 March

12.45-13.30 Poster session, posters 27-31 (+ posters 1-26)

Session chair: Saska Pavel

- P 27.** S. Koprdoва, P. Saska, A. Honek & Z. Martinkova. Comparing methods of seed exposure.
- P 28.** D. Daedlow, F. de Mol & B. Gerowitt. Long term population development of weeds in a crop rotation with emphasis on surface losses of weed seeds
- P 29.** S. Noroozi, H. Rahimian & H. Mohamadalizadeh. Effects of seed density and background seed density on post-dispersal seed predation of weeds in barely field.
- P 30.** W. Curran & M. Ward. Weed seed predation potential of *H. pensylvanicus* in northeastern U.S. cropping systems.
- P 31.** J. Skuhrovec & S. Koprdoва. Different strategies of pre-dispersal seed predators in flower heads of *Cirsium* species.

Provisional list of participants

| Family name | First name | Country | Family name | First name | Country |
|--------------------|-------------------|----------------|-----------------------|-------------------|----------------|
| Winter | Silvia | Austria | Basteri | Giulia | Italy |
| Benoit | Diane Lyse | Canada | Benvenuti | Stefano | Italy |
| Légère | Anne | Canada | Bocci | Gionata | Italy |
| Holec | Josef | Czech Republic | Carlesi | Stefano | Italy |
| Hoříek | Alois | Czech Republic | Loddo | Donato | Italy |
| Koprđova | Stanislava | Czech Republic | Rouphael | Souzi | Italy |
| Martinkova | Zdena | Czech Republic | Atanackovic | Valentina | Spain |
| Necasova | Michaela | Czech Republic | Baraibar | Bàrbara | Spain |
| Saska | Pavel | Czech Republic | Bassa | Montse | Spain |
| Skurovec | Jiri | Czech Republic | Caballero López | Berta | Spain |
| Soukup | Josef | Czech Republic | Costa | Jaime | Spain |
| Hyvönen | Terho | Finland | Dorado Gómez | José | Spain |
| Jauni | Miia | Finland | Fernández-Quintanilla | César | Spain |
| Salonen | Jukka | Finland | González-Andújar | José Luís | Spain |
| Bellanger | Solène | France | González-Díaz | Lucía | Spain |
| Boussault | Aline | France | Gorrochategui | Andoni | Spain |
| Chauvel | Bruno | France | Izquierdo | Jordi | Spain |
| Cordeau | Stéphane | France | Domínguez | Laura | Spain |
| Darmency | Henri | France | García | Addy Laura | Spain |
| Dessaints | Fabrice | France | Recasens | Jordi | Spain |
| Gaba | Sabrina | France | Royo | Aritz | Spain |
| Le Guillou | Mélanie | France | Sans Serra | Xavier | Spain |
| Meiss | Helmut | France | Solé Senan | Xavier | Spain |
| Petit | Sandrine | France | Torra | Joel | Spain |
| Armengot | Laura | Germany | Westerman | Paula | Spain |
| Daedlow | Daniel | Germany | Zaragoza | Carlos | Spain |
| Gerowitt | Bärbel | Germany | Fletcher | Penny | UK |
| Glemnitz | Michael | Germany | Gabriel | Doreen | UK |
| Goerke | Kristin | Germany | Marshall | Jon | UK |
| Hoffmann | Jörg | Germany | Curran | William | USA |
| John | Maria | Germany | DeBarroa | Nelson | USA |
| Meyer | Stefan | Germany | Egan | Franklin | USA |
| Ulber | Lena | Germany | Liebman | Matt | USA |
| Mesgaran | Mohsen | Iran | Lundgren | Jon | USA |
| Noroozi | Shahrzad | Iran | Ryan | Matthew | USA |
| Ohadi | Sara | Iran | Smith | Richard | USA |
| Bàrberi | Paolo | Italy | Williams | Carol | USA |

How to reach Lleida

Lleida can best be reached by fast and frequent trains from Madrid, Zaragoza, or Barcelona. Tickets can be bought online, 2 months in advance (<http://www.renfe.es/>). It is recommended to buy the tickets online, to save time (queues at the ticket office at the train station), and because trains may be booked full.

- **When you buy bus or train tickets online, remember to print and take them with you.**
- **There is a luggage check for all high-speed trains, so make sure to be at the designated platform 10-15 minutes in advance.**
- **You receive a 20% discount on high-speed trains, if the return journey is within 15 days from the outward journey.**

Coming from Madrid

From the airport, go to Madrid train station Atocha Renfe. Take metro L8 from terminal T2 or T4 to Nuevos Ministerios (12 min), L6 to Cuatro Caminos and L1 to Atocha. Metros run between 6:00 to 2:00 at night, check: <http://www.metromadrid.es/> and http://www.metromadrid.es/accresources/pdfs/Plano_Metro_2008.pdf. Alternatively, take bus 200, which leaves from T1, T2 and T3, every 10 min or so, to Avenida de América. Next, take metro L6 to Pacífico and L1 to Atocha Renfe. You can also take a taxi, but that will be more costly (€ 25-30).

From Madrid train Station Atocha Renfe you take the train to Lleida. The high-speed train, AVE, travels between Madrid and Lleida in just over 2 hours. Trains leave at 5:45 and every two hours between 7:30 and 21:30, and cost €73.60 (<http://www.renfe.es/>).

Coming from Zaragoza

The high-speed train, AVE, travels between Zaragoza and Lleida in just 45 minutes. The trains leave at 7:05, 8:55, 10:55, 12:55, 14:55, 16:55, 18:55, 19:35, 20:40, 20:55, and 23:43 h, and cost €26.30. The Alvia, which costs €30.00, leaves at 19:06, 19:48 and 21:05 h. and reaches Lleida in 1 hour. All trains can be booked online (<http://www.renfe.es/>). In addition, there are Regional trains and Regional Express trains, which are a lot cheaper but also a lot slower (approx. 2 hours one-way journey).

Coming from Barcelona

You have two options: take the bus from the airport directly to Lleida, or go to train station Barcelona Sants and take the train to Lleida.

A direct bus from Barcelona airport to Lleida busstation (➡) takes you to the Lleida in 2 hours. It leaves in front of terminal B (close to terminal A) at 9:30 and 18:30 h. and costs € 25. Tickets can be bought from the busdriver, the vending machine at the busstop or online (<http://www.alsa.es/portal/site/Alsa>). **Remember to print out your ticket.**

From the airport to Barcelona Sants. Walk to the train station via the skywalk from terminal B (close to terminal A). Board the train to Barcelona França, and exist at Barcelona (Sants). Trains run twice per hour from 6:00 till 23:30 h and reach Barcelona Sants in about 20 min.

Trains to Lleida. The high-speed train, AVE, travels between Barcelona (Sants) and Lleida in just over 1 hour. There are currently ten trains a day, which leave at 8:00, 8:15, 10:00, 10:30, 12:00, 14:00, 16:00, 18:00, 20:00 and 21:00 h, and cost €43:80. The AVANT, which costs € 21.45, leaves at 6:10, 9:10, 14:10, 16:10, 18:10, 20:10 h, and reaches Lleida in a 1 h 10 min. The Alvia, which costs €34.30, leaves at 6:40, 8:48, and 9:20 h and also reaches Lleida in a 1 h 10 min. In addition, there are Regional trains and Regional Express trains, which are a lot cheaper but also a lot slower (approx. 3 hours one-way journey). All these trains can be booked online (<http://www.renfe.es/>). The departure of trains and the platforms are announced on two boards; the left one is for the 'slower' trains, the right one for the 'high speed' trains. The trainstation in Lleida is indicated on the map with a blue arrow (➡).

Return to Madrid, Zaragoza or Barcelona

Essentially the same as above, but in reverse order.

Return to Madrid airport

From Lleida trainstation (➡) take the train to Madrid train Station Atocha Renfe. On Friday afternoon, the AVE leaves at 15:05, 17:05, 19:05, 21:05 and 22:05 h. On Saturdays, the AVE leaves every two hours from 7:05 until 21:05 h plus an extra train at 22:05 h. Take bus, metro or taxi to Madrid airport.

Return to Zaragoza

From Lleida trainstation (➡) take the train to Zaragoza. On Friday afternoon, the AVE leaves at 15:05, 17:05, 19:05, 21:05 and 22:05 h. On Saturdays, the AVE leaves every two hours from 7:05 until 21:05 h plus an extra train at 22:05 h. These trains continue to Madrid.

Return to Barcelona airport

You have two options: take the bus from Lleida busstation (➡) directly to the airport, or go to the train station in Lleida (➡) and take the train to Barcelona Sants.

Direct busses from Lleida busstation to Barcelona airport leave at 5:55 and 16:00 h. Tickets can be bought from the busdriver, at the ticket office in the busstation or online (<http://www.alsa.es/portal/site/Alsa>).

Trains to Barcelona. On Friday afternoon, the AVE leaves at 15:40, 17:40, 19:40, 20:22, 21:24, and 21:40 h. The AVANT leaves at 16:05, 18:05, and 21:05 h. The Alvia leaves at 20:00, 20:46, and 22:03 h. On Saturdays, the Ave leaves at 9:40, 13:40, 15:40, 17:40, 19:40, 20:22, 21:24, 21:40 h. The AVANT leaves at 8:05, 12:05, 16:05 and 18:05 h. The ALVIA leaves at 20:46 and 22:03 h.

From Barcelona Sants to the airport. Trains run twice per hour from 5:55 till 22:55 h and reach the airport in about 20 min. There are special vending machines in the main hall of Barcelona Sants train station to buy tickets to the airport, so you don't have to line up.

Tip for colleagues travelling to the USA; due extreme security measures required for entering the US, direct flights to destinations in the US cause instant chaos in any European airport. Please take sufficient time to check-in.