



European Training Network in practice

AVA Low Energy Antimatter Physics School
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Background



Laser Applications at
Accelerators

19 fellows

38 partners

Ended in 2015



Optimization of Medical
Accelerators

15 fellows

36 partners

Started in 2016



Accelerators Validating
Antimatter Physics

11 fellows

25 partners

Started in 2017

Work packages



- Design and Optimization
- Beam Diagnostics
- Antimatter experiments

PhD training - approach in ITNs



- Training **through research** by host
- **International experience and collaborations**: network-wide schools and workshops, attending external international conferences supported and expected
- **Cross-sector experience**: secondments to other network partners
- Training in **complementary skills**, needed in any job
- Involvement in **outreach** activities

'Local' training at the host institution



- Focus on **individual research project**
- Scope and aims agreed between researcher and supervisor in the form of a **Career Development Plan**

Network role:

- Knowledge exchange and collaborations across the network
- **Secondments** (up to **30%** of researcher's time)

Secondments



- Part of **every individual project**
- Ensures **cross-sector** experience
- Helps understanding **different needs and success criteria**
- Gives access to important **infrastructures/tools/techniques.**



Network-wide training events



- **International Schools** in specific R&D and **complementary skills**
- **Topical Workshops** on focused research areas
- **Conference** and **Symposium** to summarize and disseminate research results internationally



Some formal aspects...



Horizon 2020 - EU Research and Innovation programme for the years 2014-2020



Marie Skłodowska-Curie Actions



Innovative Training Networks



European Training Networks

Early Stage Researcher



- Status - **staff** not student
- **Phd enrolment** - not mandatory and separate from contract in AVA
- Competitive **salary & budget** for training
- Your work is part of a wider **international network**

Reporting



- **Continuous** reporting & **Periodic** reporting
- Reports we need from you:
 - deliverables & milestones (Grant Agreement!)
 - publications, patents
 - your training, scientific, communication activities: secondments, participation in external scientific and training events, talks & posters, outreach activities

External Communication



Dissemination - spreading research results, targeting scientific community. Through scientific papers, conferences, posters, talks etc.

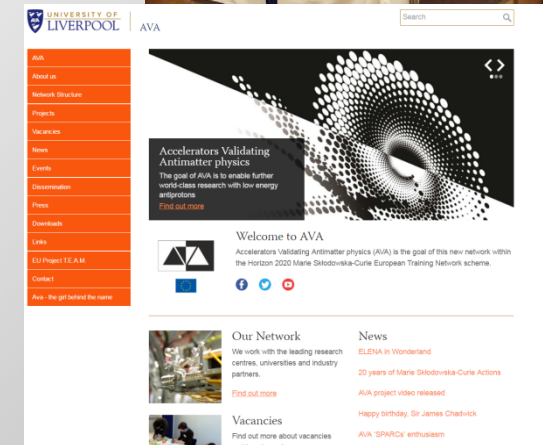
Communication - promoting the action and its results, by providing targeted information to multiple audiences (including the media and the public) in a strategic and effective manner.

Both are a contractual obligation!

AVA - key ways of communication



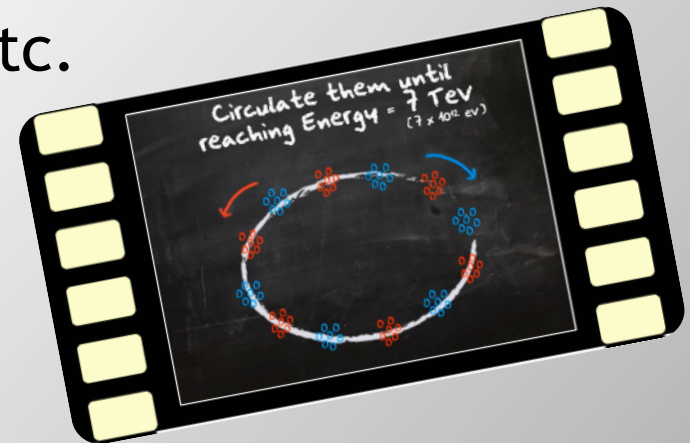
- Events (project & external)
- Project video
- Web page
- Newsletter
- Leaflet, brochure
- Merchandising
- Media engagement
- Social media
- Fellows' communication activities



Fellows' communication activities



- Individual outreach videos
- School visits (at least two)
- Organization of an outreach event
- Contribution to the outreach symposium
- Contributions to science fairs, open days etc.
- STEM Ambassadors, CERN guides etc.



Successful network - coordinator's perspective



Formal aspects - fulfilled in the first place

Network not only by name (make use of it!)

Communicate

Become a project manager of your project