



Erasmus Mundus Joint Doctorate



Education and Culture DG

ERASMUS MUNDUS

'EXTATIC' – Extreme-ultraviolet & X-ray Technology And Training for Interdisciplinary Cooperation

John T Costello

School of Physics/NCPST &
Faculty of Science and Health, DCU

<http://www.extatic.eu>



KING'S
College
LONDON



RWTHAACHEN
UNIVERSITY

UNIVERSITY OF
Southampton



Ollscoil Chathair Bhaile Átha Cliath
Dublin City University



Erasmus Mundus Joint Doctorate



Education and Culture DG

ERASMUS MUNDUS

EMJD Objective:

”to foster cooperation between higher education institutions and academic staff in Europe and Third Countries with a view to creating poles of excellence and providing highly trained human resources”

Academic Partners include:

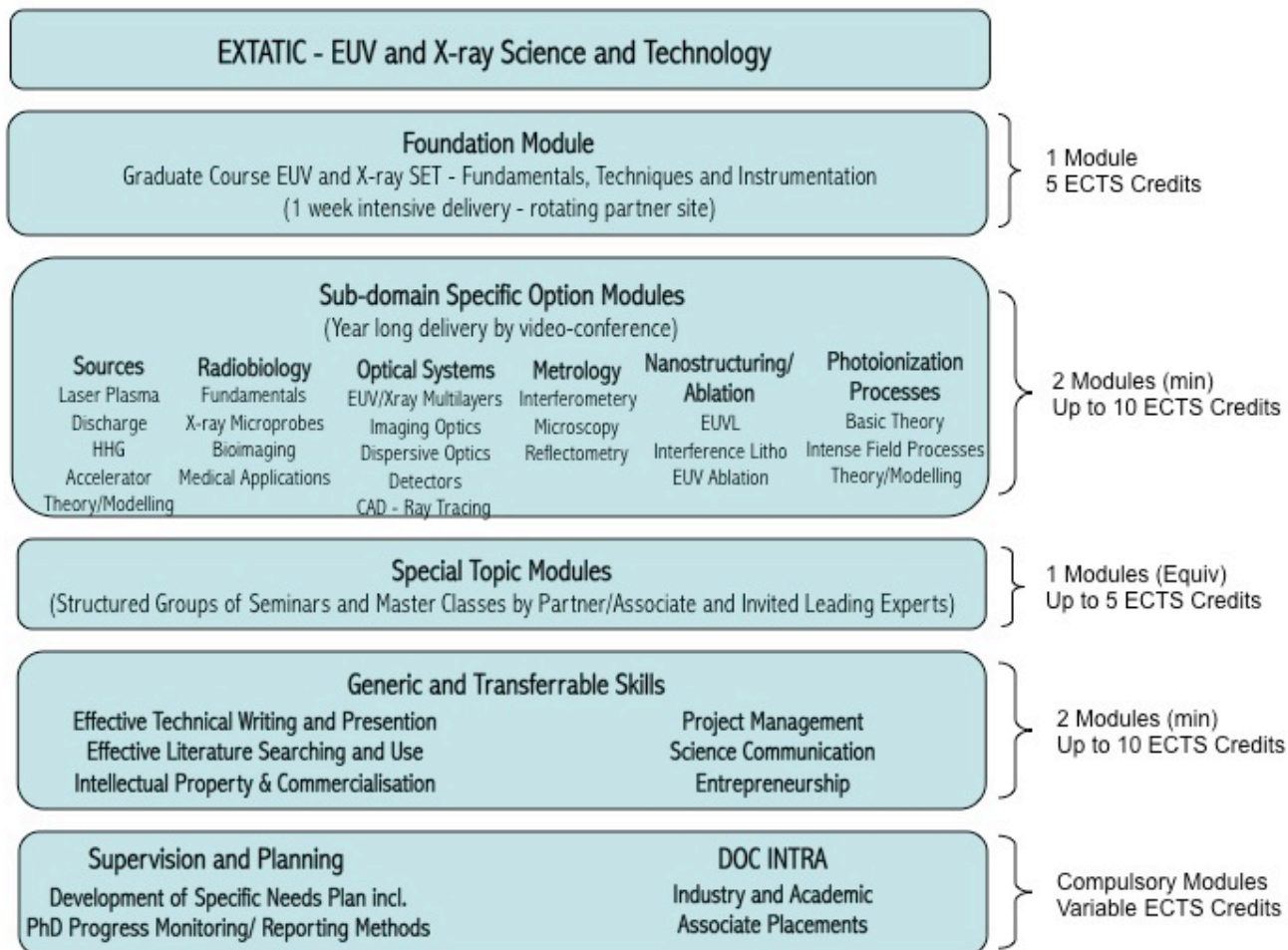
- Dublin City University (Coordinator)
- University College Dublin
- Kings College London
- The University of Southampton
- Czech Technical University-Prague
- The University of Padua
- The Military University of Warsaw
- RWTH-Aachen University

Current associated academic partners include:

- Colorado State University (USA)
- Purdue University (USA)
- Tongji University (China)

Current associated industry/ private laboratory partners include:

- Silson (UK)
- Prevac (Poland)
- *XENOCS (France)*
- EPPRA (France)
- Rigaku Innovative Tech. (Prague)
- Bruker (Germany)
- Fraunhofer-ILT (Germany)
- *XFEL Gmbh (Germany)*



**+ PhD Thesis
+ Participatory
Elements
=
EXTATIC
Doctoral
Programme**

1. What were the **main steps** taken in putting the proposal together initially ?
2. What **challenges** did you encounter ?
3. How did you ensure that the **award criteria** were properly **addressed** ?
4. How much **time** did you need ?
5. What is your **“top tip”** for submitting a successful application ?

1. Make sure you **know what you are getting into !!**
2. Look at the existing EMJDs and **make sure that what you propose is unique/compelling, etc. USPs**
3. Go to the part of the website containing the **presentations from the EM Information Day**. Download and read them in detail - http://eacea.ec.europa.eu/erasmus_mundus/events/infoday_2011_en.php
4. **Then read the guide !**
5. Assemble strong **partners** with whom you clearly have common course and **ideally 'some EU previous'** – in our case we had EU COST Action MP0601 – Short Wavelength Laboratory Sources
6. Let your graduate studies office/ **Dean of Graduate Studies** know early on what you plan – they **may have a successful proposal to show you**

1. Trying to **understand** what **an EMJD** actually is !
2. Trying to **explain** to all of the partners what **an EMJD** is and why it might be worth the effort !
3. **Convincing all of them** that we had a shot at the title – EU proposal fatigue.....!
4. Generating available bandwidth to work on developing a strongly argued proposal !

1. Read the **AWCRIT** (Award Criteria Questionnaire – main proposal template) over and over again (before you even open the main application form.....)
2. Make sure that **you have at least one other partner that you can trust and write with** (Michette-KCL & O’Sullivan-UCD)
3. **Divide out sections** between yourself and your trusted partners to have a first cut at populating them
4. Stay in **phone contact** debating each sub-point for each subsection – be forensic – do a gap analysis on each section
5. Organise **conference calls with ALL partners** where you need them to provide inputs.....

The first time out: Approximately 3 weeks for preparations for the preparatory phase and 2 weeks to do the writing/honing of the AWCRT and populate the 2010 front end application form (*while doing normal teaching/ research /admin tasks*).

The second time out: A good deal less. Approximately 1 week to hone the AWCRT and populate the 2011 front end application form (*while doing normal teaching/ research /admin tasks*).

Objective: Get to the table to be seriously considered.....

- Try to **get sight of a successful proposal**
- **Use lots of figures and tables** to indicate the outstanding track record of your consortium in PhD training/supervision (PhD students graduated, current PhD students per member, etc.)
- **Ditto on research capacity** (facilities, funding, current group sizes, etc.)
- If your consortium is large the **management structure** and capacity needs to be very **robust**
- If you can – draft **a consortium agreement** beforehand
- Ask Eileen.....(eileen.oconnell@hea.ie)

1. Ca. 30 EMJDs to date
2. Typically 10 – 12 successful bids from ca. 140 applications per call
3. Be prepared to go back into battle with an improved proposal for each call
4. Use the EACEA-EM website to browse successful EMJD sites (not ours !) to pick up tips for your own proposal
5. Be prepared for quite a significant administrative load if you are successful