

Marie Curie - IOF Application

Mierk Schwabe

Max-Planck-Institute for Extraterrestrial Physics, Garching



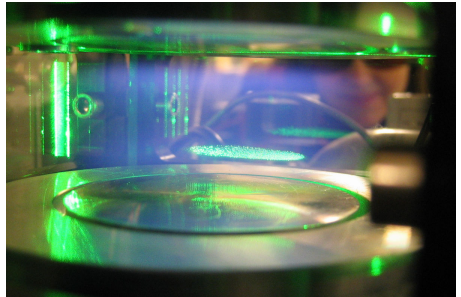
Marie Curie Workshop

Outline

- 1 Introduction
 - About me
 - The project
 - Timeline
- 2 The application
 - Writing
 - Evaluation
 - Result
- 3 Aftermath

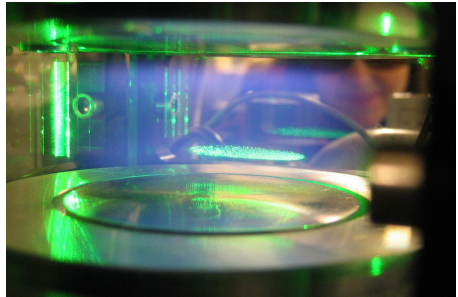
About me

- did diploma thesis, PhD at MPE, complex plasma group
- since 12/2009: postdoc at MPE, doing “science management” of PK-3 Plus experiment on ISS
- going to UC Berkeley end of year with IOF fellowship, return host MPE



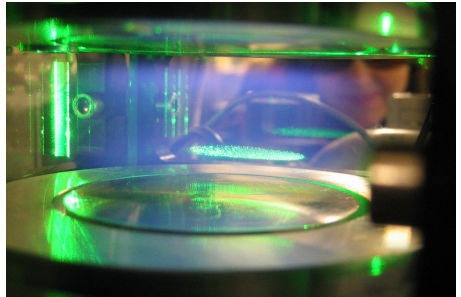
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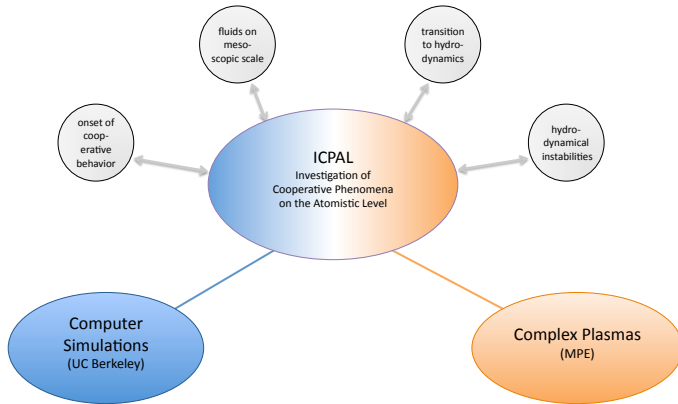


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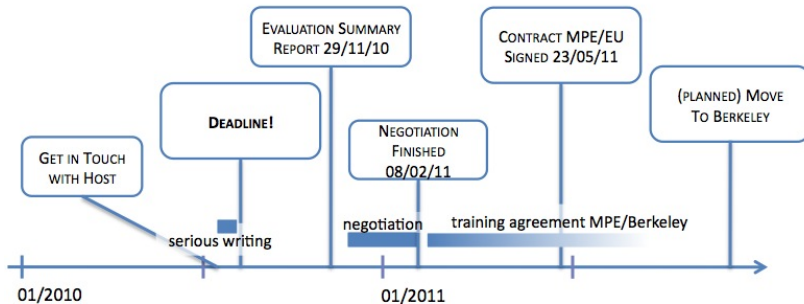
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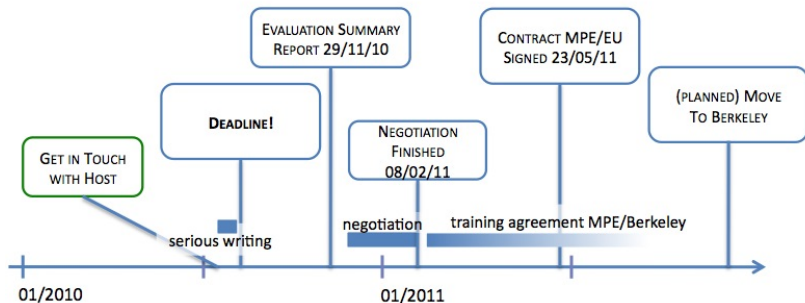
ICPAL



Timeline



Introduction to host



introduction to host via group leader MPE

Outline

1

Introduction

- About me
- The project
- Timeline

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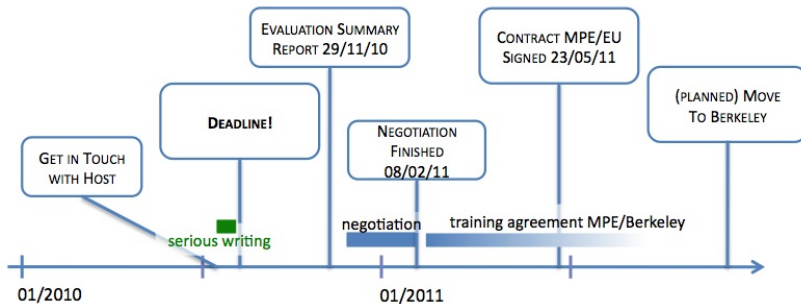
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- Writing
- Evaluation
- Result

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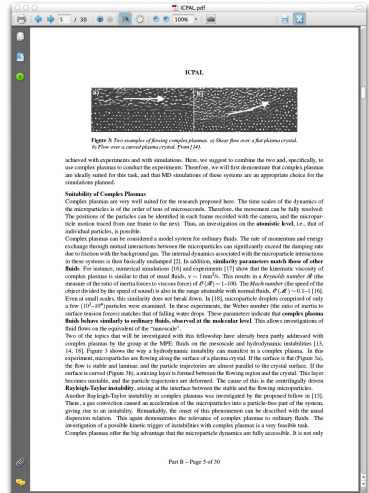
Aftermath

Writing



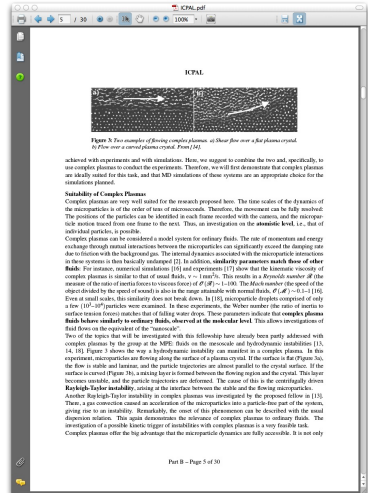
General things

- be clear, understandable for non-specialists, use diagrams, pictures
- stress important points in **bold**
- write what they ask about
- use referees
- get other proposals: MC, grant proposals; use the help available, e.g. EU office



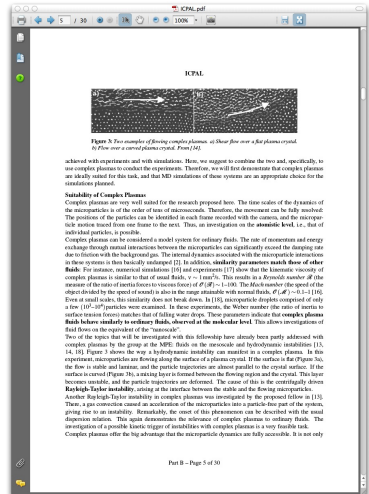
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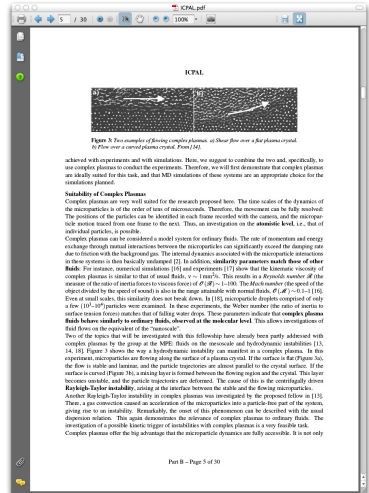
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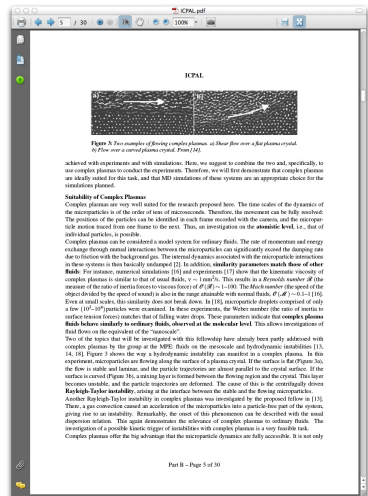
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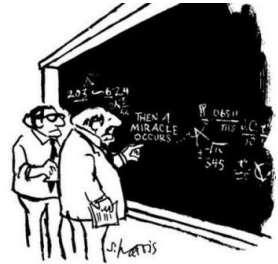
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Scientific and technological quality

- clear research objectives, tasks
- introduction to methods, experimental procedures, methodology
- why can it work? both methods and places
- why it is new and relevant?



"I THINK YOU SHOULD BE MORE EXPLICIT HERE IN STEP TWO."

Training

- what will you learn during the fellowship?
- why is this important for you/your career?
- why can the hosts teach you what you need to learn at this stage in your career?

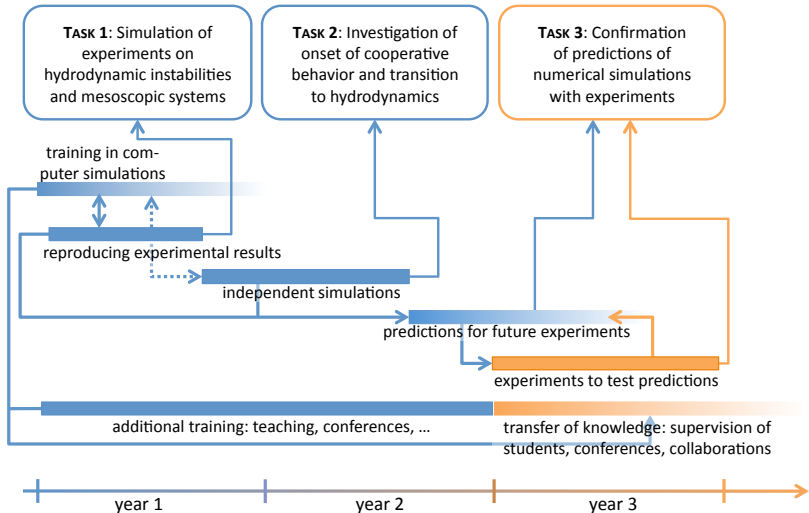


Researcher

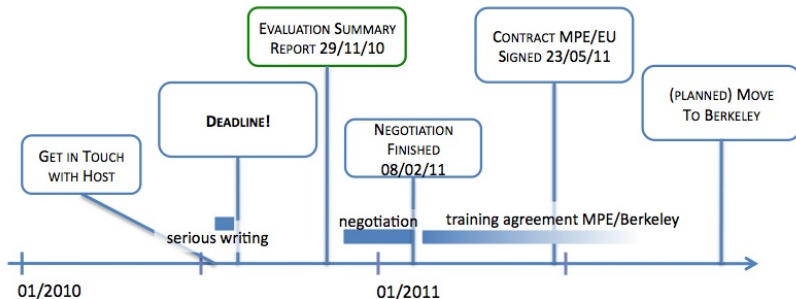
- don't be humble, find good words to describe what you know and can do and how you showed that this is true
- don't forget to mention prizes you won, e.g., poster prizes at conferences
- lists of publications, presentations at conferences (invited talks?)
- any outreach activities (day of open doors, girls' day), teaching?



Implementation



Evaluation Summary Report



S & T Quality

Criterion 1. S&T QUALITY (award)

(Threshold 3.00/5.00)

Mark: 4.40

Weight: 0.25

Strengths of the proposal:

- The scientific quality is very good with appropriate research methodology.
- The state-of-the-art is very well described and the research objectives are accurately outlined.
- The research goal is interdisciplinary and has potential to bring advances to the state-of-the-art.
- The project is timely and relevant for the field of plasma physics.
- Both the outgoing and the return hosts have a very good expertise in the field of complex plasmas.

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Weaknesses of the proposal:

- none listed

Training

Criterion 2. TRAINING (award)

(Threshold 3.00/5.00)

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Weight: 0.15

Strengths of the proposal:

- The research training objectives for the researcher have been well described.
- The additional scientific training and complementary skills development are very good.
- The expertise of both hosts in training, mentoring/tutoring researchers is demonstrated.

Weaknesses of the proposal:

- Insufficiently well described training at the return host.
- The supervisor at the outgoing host has administrative position which limits the ability to provide tutoring.

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Strengths of the proposal:

- The applicant has a very good research experience in the field of complex plasmas.
- The applicant has very good research results including publication record, participation at international conferences and outreach activities.
- The independent thinking and leadership qualities have been demonstrated.
- The applicant's skills and experience are suitable for the project proposed.
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- none listed

Implementation

Criterion 4. IMPLEMENTATION (selection)**(Threshold 0.00/5.00)**

Mark: 4.60

Weight: 0.15

Strengths of the proposal:

- The infrastructure of the outgoing and the return host is very good.
- Both host institutions have long experience in international collaborations.
- The work plan is very good.
- The implementation and management of the project are good at both host institutes.
- The risks and intellectual properties issues are discussed.

Weakness of the proposal:

- A practical arrangement for the implementation at the outgoing host where the close collaboration is based through meetings on a monthly basis is insufficient.

Strengths of the proposal:

- The infrastructure at the outgoing and the return host is very good.
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Criterion 5. IMPACT (award)**(Threshold 3.50/5.00)***Strengths of the proposal:*

- The applicant will have an opportunity to gain competencies in plasma diagnostics which will have good contribution to career development.
- There is a very good potential for creating long term collaboration.
- Benefit of the mobility to the ERA is high, since the EU researcher will move to one of the best places in US.
- The mobility is genuine as the applicant will work in a significantly different geographical and working environment.

Mark: 4.50
Weight: 0.20

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Weaknesses of the proposal:

- none listed
- (saw in other proposal: not written that plan is to get tenured position after fellowship)

Total Score

RECOMMENDATIONS FOR NEGOTIATION AND/OR INDICATORS TO MONITOR PROGRESS OF PROJECT:

TOTAL SCORE

(Threshold 70.00/100.00)

Total: 89.50

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TOTAL SCORE

(Threshold 70.00/100.00)

Total: 89.50

	CAR	CHE	ECO	ENG	ENV	LIF	MAT	PHY	SOC
IEF	88,2	89,4	87	87,2	88,9	89,1	85,2	87,7	89,9
IIF	-	90,8	88	88,9	92,1	89,7	90,1	88,6	93
IOF	-	91,9	89,4	87,3	90,9	89,3	87,8	87,2	91,4

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- About me
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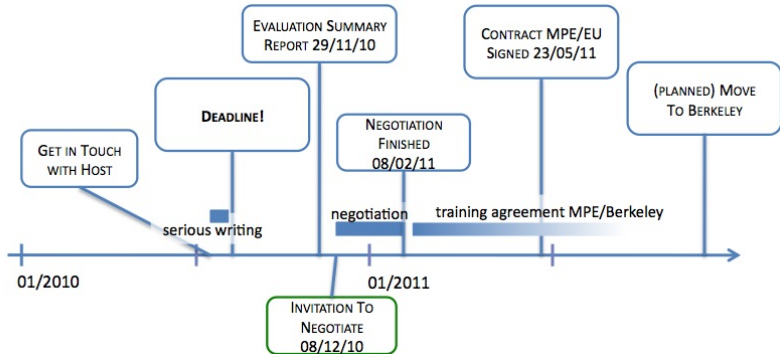
The application

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Aftermath

Afterwards



Summary

- show yourself and the hosts in the best light!
- be detailed!
- write a good proposal!



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Summary

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Good luck!