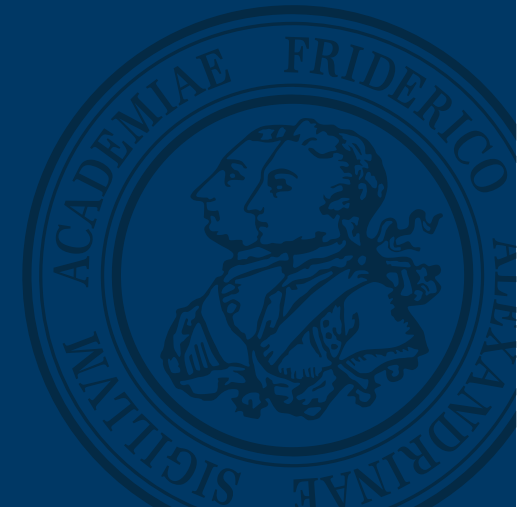# FAU Information Event ERC Starting Grant

26 June 2018

ERC funding schemes

Starting Grant

PIs 2-7 years from PhD

Consolidator Grant

PIs 7-12 years from PhD

Advanced Grant

10 year track record

Synergy Grant

Team of 2-4 PIs

Proof of Concept

For ERC grant holders only

ERC in a nutshell

- Investigator-driven frontier research

- Across all research areas (bottom-up)

- No restrictions on age or nationality of the principal investigator (PI)

ERC in a nutshell

- Scientific excellence of principal investigator and project is sole evaluation criterion:

  „expected to **lead to advances** at the frontier of knowledge"

  „set a **clear inspirational target for (future) frontier research** in Europe"

  „**ground-breaking** nature, creativity and **commitment** of the researcher"

Funding level

- Individual researcher (PI) + project

- Funding: 100 % + 25 %

  Direct costs (100 %): Personnel, travel, consumables, equipment (depreciation!), publications (incl. open access)

  Indirect costs (25 %): Overhead on eligible direct costs

ERC Starting Grant

ERC Starting Grant in a nutshell

Researcher	Excellent PIs just starting their independent research programme and/or team
Eligibility	PhD > 2 and 7 years prior to 1 Jan 2019
Funding level	1.5 million EUR max. for 5 years max. (+ 0.5 million EUR e.g. for major equipment)
Host institution	EU member state (MS) or H2020 associated country (AC)
Time commitment	≥ 50 % (≥ 50 % in EU)
Submission/evaluation	Single-stage submission / two-step evaluation (incl. interview)
Call Opening	18 July 2018, 17:00 (Brussels time)

ERC Starting Grant
Success rates 2013-2017

Call	2013	2014	2015	2016	2017
Starting Grants	9 %	11.5 %	12 %	11 %	13 %

Eligibility

- First PhD > 2 and 7 years prior to 1 Jan 2019
  → PhD awarded from 1 Jan 2012 to 31 Dec 2016

Extended eligibility:
- Parental leave (mothers: 18 months per child; fathers need verification of parental leave)
- Attested long-term illness (> 90 days; after doctorate)
- Clinical training (after doctorate)
- Military service (after doctorate)

Dr. med. / MD (currently under review):
- PhD / doctoral degree or postdoc position / professorship
- Research experience
- Extended eligibility 4-9 years

Resubmission restrictions for 2019
(to be confirmed in call)

- Score in 2018 Starting Grant

  ➢ B in step 1: not allowed to submit a proposal in 2019

  ➢ C in step 1: not allowed to submit a proposal in 2019

Proposal

Proposal structure

Part A

**Administrative Forms/
Proposal Submission Forms**

1 - General Information
2 - Participants & Contacts
3 - Budget
4 - Ethics
5 - Call-specific questions

Part B

B1

Extended synopsis

CV

Track record

B2

Scientific proposal

Annexes

- **Host Support Letter** (Host Institution Binding Statement of Support)

- **PhD Certificate**

- **Additional documents,** if applicable (e.g. Paternal leave, clinical training)

- **Ethics Self-Assessment,** if applicable

Part B

24 pages max.

B1

Extended synopsis   5 p.

CV   2 p.

Track record   2 p.

B2

Scientific proposal

15 p.

Part B1: Extended synopsis

Evaluation in step 1
B1
Extended synopsis
CV
Track record

- Concise presentation of scientific project
- Particular attention to the ground-breaking nature of the research
  - ➤ new, emerging fields
  - ➤ interdisciplinary projects crossing bounderies between research field
- Demonstration of the feasibility of the scientific approach
- Short description of work-plan, team and resources

General tips for the extended synopsis

- Highlight impact

- Consider the audience: Panel members might not be experts in your research area

- Include research environment at host institution and potential collaborations

- Describe risk management and feasibility (appropriate methodology, timescales and resources)

- Include ethics, if applicable

Part B1: CV

Evaluation in step 1
B1
Extended synopsis
CV
Track record

- Standard academic and research CV

- Explanation of research career gaps and/or unconventional paths

- Funding ID has to match 50% time commitment to the project (plus 50% in MS or AC)

- Keep your website up to date

Part B1: Track record

Evaluation in step 1

B1

Extended synopsis

CV

Track record

- Evident potential for research independence

- At least one publication as main author or without PhD supervisor

- International experience and international research cooperations

- Invited presentations

- Third-party funding

- Prizes, awards

- Granted patent(s)

General tips for the track record

- Show promising track record of early achievements appropriate to your research field and career stage

- Highlight what makes you stand out

- Stress your ability to conduct ground-breaking research and creative independent thinking

- Show achievements beyond the state-of-the-art

Part B2

Evaluation in step 2

B1

**B2:
Scientific proposal**
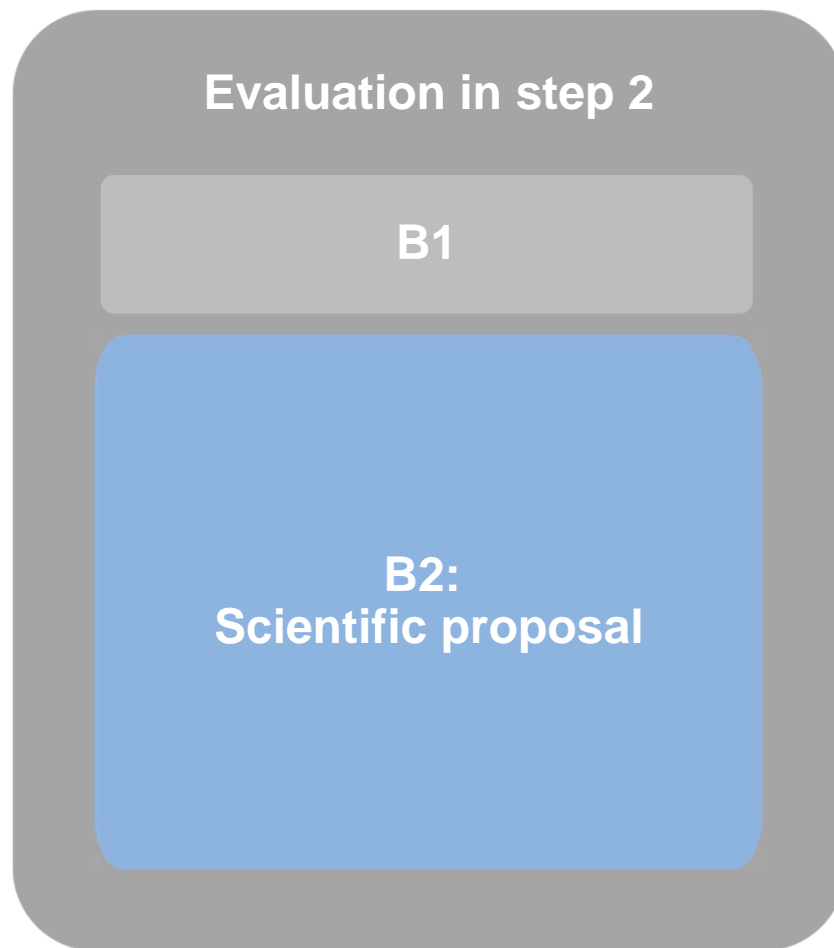
- State-of-the-art + objectives
  - ➢ Ground-breaking nature
  - ➢ Potential impact
- Research methodology
  - ➢ High-risk/high gain
  - ➢ Feasibility
- Resources
  - ➢ Timescale/appropriate use of budget

General tips for part B2

- Explain how the research will open new horizons or opportunities ("beyond the state-of-the-art", "ground-breaking nature")

- Describe the impact

- Provide a clear, concise work-plan, giving details of the intermediate/final goals

- Explain how you will manage and disseminate your project

- Outline balance of high risk – high gain (risk management)

- Justify the resources (esp. if requesting top-up funding)

Evaluation
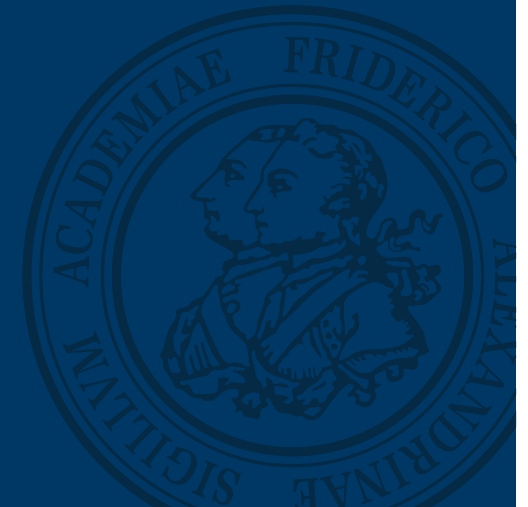
Two-step evaluation

Evaluation in step 1

B1

Extended synopsis

CV

Track record

Evaluation in step 2

B1

B2:
Scientific proposal

Evaluation – Peer Review

- Peer-Review: 25 scientific panels comprised by a chair and ca. 15 members

- Three domains:
  - ➢ Physical Sciences & Engineering (PE): 10 panels
  - ➢ Life Sciences (LS): 9 panels
  - ➢ Social Sciences & Humanities (SH): 6 panels
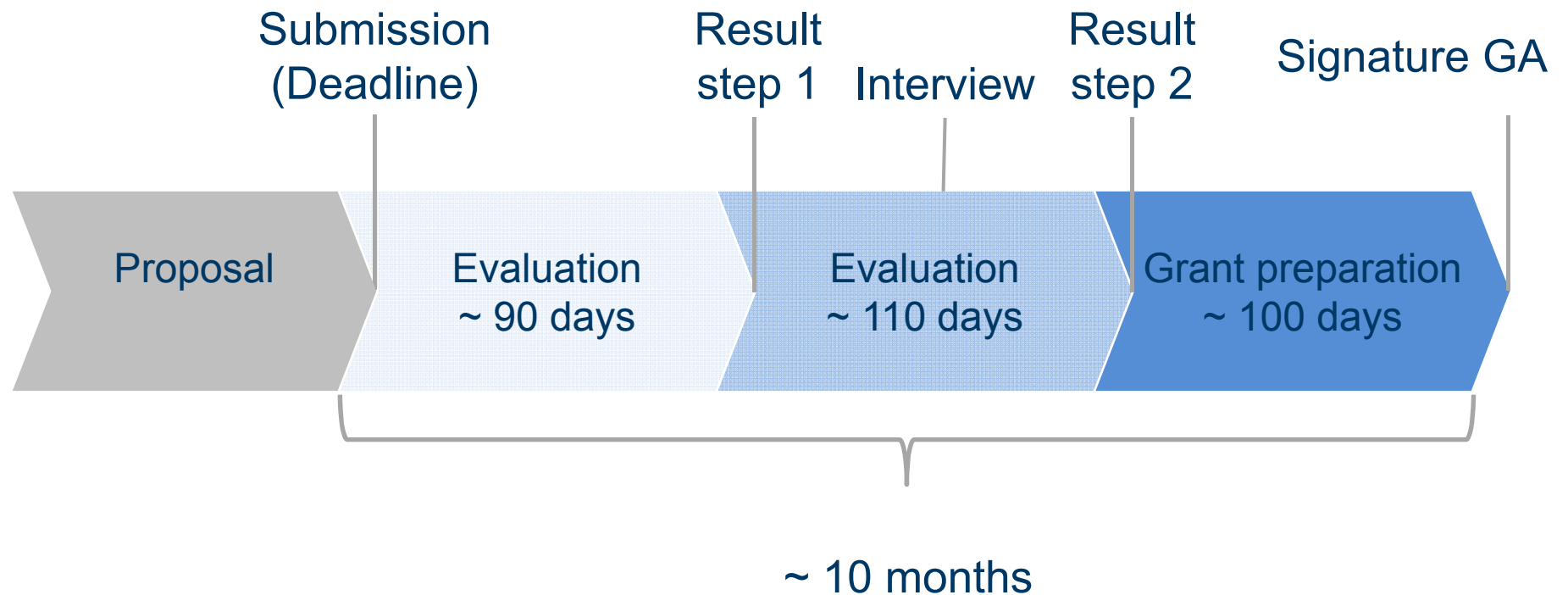
- PI chooses panel at proposal stage

Evaluation process

Step 1

Submission of full proposals

↓

Eligibility check

↓

Step 1 (remote) evaluation of proposal by panel members

↓

1st Panel meeting

↓

Proposals passing to step 2

Step 2

Individual assessment of full proposals by panel members & referees

↓

2nd Panel meeting INTERVIEWS of applicants

↓

Panel chairs´ meeting Consolidation of 3 main domains rank lists

↓

Proposals selected for funding
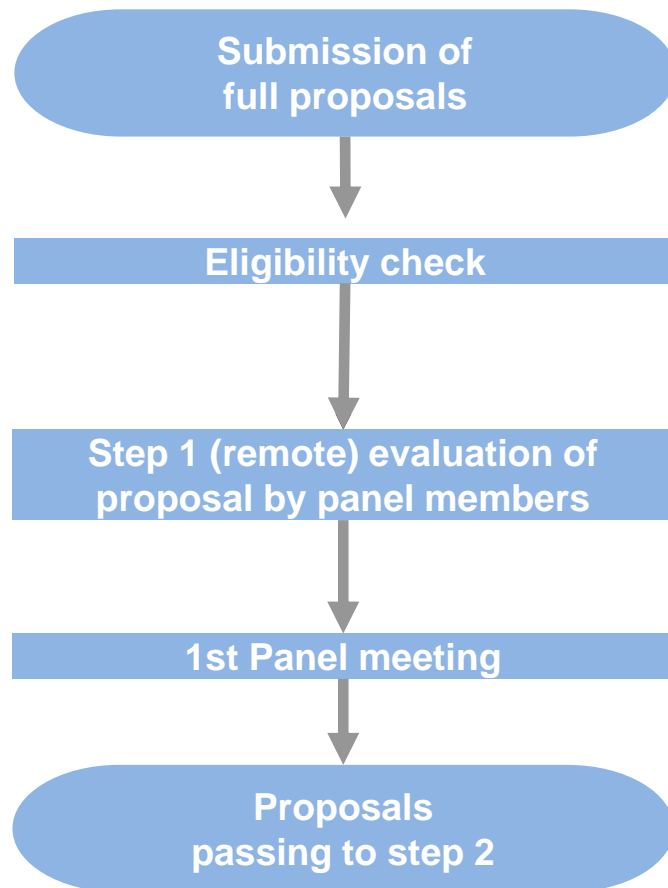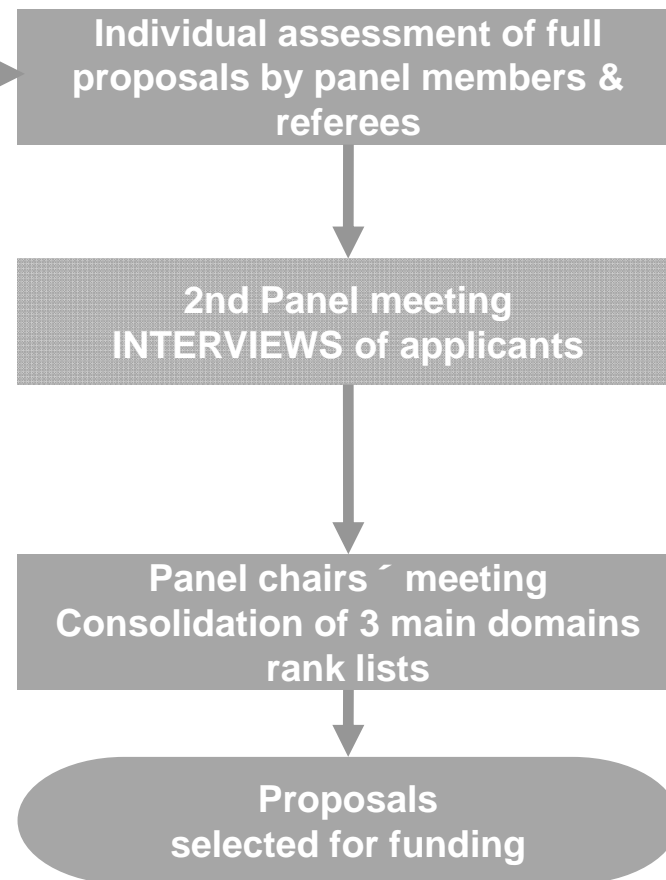
Source: ERC

Scoring scheme

- Reviewer marks from 1 to 4

  ➢ Non-competitive (1), very good (2), excellent (3), outstanding (4)

- Proposal receives score from A to C

  ➢ A: Fully meets the ERC excellence criteria and is recommended for funding if sufficient funds are available.

  ➢ B: Meets some but not all of the ERC's excellence criteria and will not be funded.

  ➢ C: Is not of sufficient quality to pass to Step 2 of the evaluation.

Timeline

Submission (Deadline) | Result step 1 | Interview | Result step 2 | Signature GA

| Proposal | Evaluation ~ 90 days | Evaluation ~ 110 days | Grant preparation ~ 100 days |

~ 10 months

Deadline StG 2019: 17 Oct 2018, 17:00 (Brussels time)
(to be confirmed in call)

Further information

Open Access in ERC

- Open Access is **obligatory** to all peer-reviewed scientific publications relating to project results
- Further information
  - ➢ [ERC: Open Access](#)
  - ➢ [KoWi Factsheet: Open Access in Horizon 2020](#) (PDF)

Open Data in ERC

- Open Research Data Pilot: By default all projects take part
- „Opt-out" possible at any stage
- If „opt-in": data management plan at month 6

Important documents

- ERC Work Programme

- ERC Rules for Submission and Evaluation

- Information for Applicants

- Research Proposal Template

ec.europa.eu/research/participants/portal/desktop/en/home.html

Funded projects and PIs: ERC website

FILTER BY FUNDING SCHEME:

Starting Grant (StG) (3410)
Advanced Grant (AdG) (2180)
Consolidator Grant (CoG) (1170)
Proof of Concept (PoC) (549)
Synergy Grants (SyG) (24)

FILTER BY CALL YEAR:

☐ 2007 (305)
☐ 2008 (284)
☐ 2009 (492)
☐ 2010 (707)
☐ 2011 (838)
☐ 2012 (957)
☐ 2013 (985)
☐ 2014 (1068)
☐ 2015 (1089)
☐ 2016 (630)

Funded projects and PIs: ERC website

FILTER BY FUNDING SCHEME:

Starting Grant (StG) (19)
Consolidator Grant (CoG) (7)
Proof of Concept (PoC) (3)
Advanced Grant (AdG) (0)
Synergy Grants (SyG) (0)

FILTER BY CALL YEAR:

☐ 2007 (10)
☐ 2009 (14)
☐ 2010 (14)
☐ 2011 (20)
☐ 2012 (23)
☐ 2013 (16)
☐ 2014 (12)
☐ 2015 (11)
☑ 2016 (19)

FILTER BY COUNTRY:

☐ Austria (11)
☑ Belgium (19)

ERC FUNDED PROJECTS

Displaying 1 - 10 of 19. Show 10 results per page.

Project acronym	ALUFIX
Project	Friction stir processing based local damage mitigation and healing in aluminium alloys
Host Institution (HI)	UNIVERSITE CATHOLIQUE DE LOUVAIN
Call Details	Starting Grant (StG), STG, ERC-2016-STG

Summary ⊕

ALUFIX proposes an original strategy for the development of aluminium-based materials involving damage mitigation and extrinsic self-healing concepts exploiting the new opportunities of the solid-state friction stir process. Friction stir processing locally extrudes and drags material from the front to the back and around the tool pin. It

https://erc.europa.eu/projects-figures/erc-funded-projects

Support at FAU

Dr. Sabine Eber

Tel. 09131/85-26595

E-Mail: sabine.eber@fau.de

Dr. Julia Kinzler (Lehrstuhlinhaber/in A-E, Me-Z)

Tel. 09131/85-26471

E-Mail: julia.kinzler@fau.de

Franziska Müller (Lehrstuhlinhaber/in F-Md)

Tel. 09131/85-26474

E-Mail: franziska.mueller@fau.de

Support at FAU

- Before starting your proposal, please send **CV** (incl. publications and third-party funding) and **abstract** to Prof. Leugering (Vice President Research) by **22 Aug 2018**

- Please send your full proposal by **26 Sept 2018** to Dr. Eber and Dr. Kinzler/Ms. Müller

- We offer proofreading of the proposal, support for calculating the budget, advice on all aspects of the proposal

- Host Support Letter

  ➤ Needs to be signed by President FAU or Director UKER

  ➤ Please send proposal title and acronym to Dr. Eber by **26 Sept 2018**

FAU Info Event ERC Starting Grant

Prof. Dr. Sabine Maier

Starting Grant 2014

Prof. Dr. Aldo Boccaccini

Panel member Consolidator Grant 2017