

Minutes of the 1st Management Committee Meeting of the COST Action

CA20111 – European Research Network on Formal Proofs

Online ZOOM meeting

11-12/10/2021

1) Agenda and Materials.....	2
2) Participants and Hosting Team.....	2
3) Relevant Information to the Management Committee.....	2
4) COST Action Café and debriefing.....	2
5) Pre-requisites for the Decision Making.....	3
6) Decisions by the Management Committee.....	3
a. Election of the Chair and Vice-chair and selection of the Grant Holder (Scientific Representative).....	3
b. Agreement on the Action Structure.....	3
c. Election of other mandatory leadership positions.....	3
d. Core Group and mandates.....	3
e. Discussion on Work and Budget Plan.....	3
f. Next MC meeting and AOB.....	4
g. List of Annexes.....	4

ACTION Status:

- CSO approval: 25/05/2021
- Start date: 11/10/2021

1) Agenda and Materials

The agenda is in Annex 1 attached at the end of these minutes. The meeting was organised following a participatory methodology. The material presented by the hosting team and produced by the participants during the two half days (referred to as Day 1 and Day 2) is available as separate annexes too (Annex 3 & 4.x).

2) Participants and Hosting Team

Ralph Stübner (Science Officer assigned for this Action) and Cassia Azevedo (Administrative Officer assigned to this Action) supported by Mickael Pero (Technical Host) hosted the meeting. Further colleagues from the COST Association supported the hosting team in the COST Action Café. The Main Proposer Frédéric Blanqui presented the COST Action to the MC. The Action Chair Frédéric Blanqui moderated the meeting following the election.

According to the GDPR, the Hosting Team clearly explained the “etiquette” of the meeting which includes to not take screenshots nor record the meeting or part of it without the consent of the participants. The hosting team welcomed the participants (list in Annex 2 at the end of these minutes). The participants were introduced to COST and the COST Action and actively participated to attain the objectives of the MC1 which are:

- Take ownership of the Action challenge
- Networking and community building
- Bring everyone to the same level of knowledge on COST
- Develop Action structure, methodology and planning

3) Relevant Information to the Management Committee

In preparation to the MC1 meeting, the hosting team provided the MC with:

- Welcome by the director
- Annotated rules
- Extract with all the General Information section of the MC1 slides
- Selection of online tutorials for ZOOM meeting participation

At the meeting, the hosting team provided the opportunity for MC members to formulate their questions on the COST framework.

Participants who didn't want to appear on the group photo were requested to switch off their camera.

4) COST Action Café and debriefing

For a first round of the discussion, the participants were invited to join online breakout rooms organised by Working Group topics and Management topics listed here after:

1. Involvement of stakeholders
2. Defining a communication strategy
3. WG membership
4. Grant awarding – implementing STSMs and ITC Conference Grants
5. Organising Training Schools

For a second and third round of the discussion, then the participants were invited to join online breakout rooms organised by Working Group topics listed here after:

6. WG1 – Tools for proof systems interoperability
7. WG2 – Automated theorem provers
8. WG3 – Program verification
9. WG4 – Libraries of formal proofs
10. WG5 – Machine learning in proofs
11. WG6 – Type theory

In each breakout room, a volunteer from the MC was appointed as Rapporteur. The hosting team supported the discussions. The outcome of the discussions are summarized in the Annexes 4.x, as made available by the Rapporteurs. The Management Committee was invited to further the ideas by the MC2 meeting and in the upcoming months.

5) Pre-requisites for the Decision Making

During Day 2, the participants acknowledged and agreed to comply with the rules for COST Action Management, chapter 3 of [the Annotated Rules for COST Actions](#).

Before any decision was taken, Cassia Azevedo verified that the minimum of 2/3 of the COST full or cooperating members having nominated Management Committee Members are represented in the meeting (25 out of 29), the necessary quorum was achieved allowing then Management Committee meeting to officially take place in accordance with Article 3.8 of [the Annotated Rules for COST Actions](#).

6) Decisions by the Management Committee

a. Election of the Chair and Vice-chair and selection of the Grant Holder (Scientific Representative)

Decision 1: Frédéric Blanqui (FR) was elected Chair

Decision 2: Sandra Alves (PT) was elected Vice Chair

Decision 3: The MC selected INRIA (INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET AUTOMATIQUE) as Grant Holder Institution, represented at the MC by the elected Chair.

b. Agreement on the Action Structure

c. Election of mandatory and other leadership positions

Decision 4: The following participants were elected for mandatory and other leadership positions:

Leadership position (bold: mandatory leadership position)	Name	Country	YRI*	Gender
Science Communication Coordinator	Ornela Dardha	UK	Y	F
Science Communication Vice-Coordinator	Dmitriy Traytel	DK	Y	M
Grant Awarding Coordinator	Danijela Simić	RS	Y	F
Grant Awarding Vice-Coordinator	Ambrus Kaposi	HU	Y	M
Gender Balance Coordinator	Anja Petković Komel	SI	Y	F
Training Coordinator	Luigia Petre	FI	N	F
Training Vice-Coordinator	Marija Mihova	MK	N	F

WG1 Leader	Jesper Cockx	NL	Y	M
WG1 Vice-Leader	Catherine Dubois	FR	N	F
WG2 Leader	Pascal Fontaine	BE	N	M
WG2 Vice-Leader	Alexander Steen	LU	Y	M
WG3 Leader	Alicia Villanueva	ES	N	F
WG3 Vice-Leader	Rodica Condurache	RO	Y	F
WG4 Leader	Claudio Sacerdoti Coen	IT	N	M
WG4 Vice-Leader	Gilles Dowek	FR	N	M
WG5 Leader	Cezary Kaliszyk	AT	N	M
WG5 Vice-Leader	Peter Koepke	DE	N	M
WG6 Leader	Benedikt Ahrens	UK	Y	M
WG6 Vice-Leader	Roussanka Loukanova	BG	N	F

*YRI: Young Researcher and Innovator

d. Core Group and mandates

Decision 5: A Core Group is established with the Chair, the Vice Chair and all the above leadership positions.

Decision 6: The Core Group can select providers for dissemination items.

Decision 7: The Core Group can change the place and date of some activity if needed.

Decision 8: The Core Group can invite participants to the planned networking activities.

Decision 9: Invited participants shall accept their invitation within 2 weeks or lose their reimbursement entitlement.

Decision 10: The Core Group can select the candidates to a grant.

Decision 11: The Core Group can relocate budget up to EUR 5000 unused for already implemented activities to other upcoming activities.

Decision 12: Working group membership is open to anyone willing to contribute to the scientific objectives of the action. The Core Group can approve or disapprove membership applications accordingly.

e. Discussion on Work and Budget Plan

The MC approved the following preliminary work and budget plan:

- 20% dedicated to STSMs, ITC and dissemination grants (~21,700 euros)
- a school on controlled natural languages in proof assistants (~10,000 euros)
- the co-organization of the next VTSA school on verification technology (~10,000 euros)

- a WG3 meeting on the comparison of the approaches used in the verification competition (~7,500 euros)
- a WG6 meeting on syntax and semantics of type theory (~7,500 euros)
- the co-organization of the next PAAR workshop on practical aspects of automated reasoning, and of a workshop on shared proof libraries, at FLOC 2022 (~4,500 euros)
- the co-organization of the next AITP conference on artificial intelligence and theorem proving (~17,000 euros)
- the co-organization of the next TYPES conference with meetings of the WG1, 4 and 6 (~30,000 euros)

The Science Officer stated that with regard to co-organised events it has to become clear that the Action influences and shapes the event in its scientific content. For co-located events he said that details have to be seen and that the Action activity should take place before or after the event to which the Action activity is co-located.

f. Next MC meeting and AOB

The MC agreed to meet in September 2022 to take stock of the first grant period, and prepare the first progress report of the action and the workplan and budget for the second grant period.

The hosting team gave some final words about the COST Action. The participants expressed their individual follow up actions for the success of the Action.

The MC Chair thanked the participation of all the MC members and closed the meeting.

List of Annexes

- Annex 1 – Agenda
- Annex 2 – List of participants
- Annex 3 – MC1 Presentation
- Annexes 4.4 – Notes for the break-out rooms
- Annex 5 – Chat of the online meeting

Minutes prepared by:

- *Action Science Officer Ralph Stübner*
- *Action Chair Frédéric Blanqui*
- *Action Vice Chair Sandra Alves*

ANNEX 1- AGENDA

Day 1 – 13:00 - 17:00 CET

- I. Welcome and Frame
- II. Getting to know each other
- III. Refresher: What you need to know about managing a COST Action
- IV. Presentation of the Action by the Main Proposer & Discussion

Group Photo and Pause

- V. COST Action Café (breakout discussions)
- VI. Closure and set the scene for Day 2

Day 2 - 9:30 - 13:00 CET

- I. Welcome and Frame
- II. Getting together
- III. COST Action Café (debriefing)

- Pause

- IV. Decision making of the MC
 - a. Election of the Chair and Vice Chair and Grant Holder institution
 - b. Agreement on the Action Structure
 - c. Election of other leadership positions
 - d. Core Group and mandates
 - e. Discussion on Work and Budget Plan
 - f. Planning for management procedures and upcoming activities
 - g. Next MC meeting and AOB
- V. Closing by check-out

ANNEX 2- LIST OF PARTICIPANTS

Country	Title	Firstname	Lastname	Role	Email	Present
AT	Dr	Cezary	Kaliszyk	MC Member	cezary.kaliszyk@uibk.ac.at	yes
AT	Prof	Laura	Kovacs	MC Member	lkovacs@forsyte.tuwien.ac.at	yes
BE	Prof	Christophe	Scholliers	MC Member	Christophe.Scholliers@UGent.be	yes
BE	Prof	Pascal	Fontaine	MC Member	Pascal.Fontaine@uliege.be	yes
BG	Dr	Roussanka	Loukanova	MC Member	rloukanova@gmail.com	yes
CZ	Dr	David	Cerna	MC Member	dcerna@cs.cas.cz	yes
CZ	Dr	Martin	Suda	MC Member	martin.suda@gmail.com	yes
DE	Dr	Chuangjie	Xu	MC Member	cj-xu@outlook.com	yes
DE	Prof	Erika	Abraham	MC Member	abraham@cs.rwth-aachen.de	yes
DK	Prof	Amin	Timany	MC Member	amintimany@gmail.com	yes
DK	Dr	Dmitriy	Traytel	MC Member	traytel@di.ku.dk	yes
EE	Dr	Niccolo	Veltri	MC Member	niccolo@cs.ioc.ee	yes
EL	Prof	Petros	Stefaneas	MC Member	petrosstefaneas@gmail.com	no
ES	Dr	Alicia	Villanueva	MC Member	alvilga1@upv.es	yes
ES	Dr	Montserrat	Hermo	MC Member	montserrat.hermo@ehu.eus	yes
FI	Dr	Luigia	Petre	MC Member	lpetre@abo.fi	yes
FR	Ms	Catherine	Dubois	MC Member	catherine.dubois@ensiie.fr	yes

FR	Mr	Frédéric	Blanqui	MC Member	frederic.blanqui@inria.fr	yes
HR	Dr	Zvonko	Iljazović	MC Member	zilj@math.hr	yes
HU	Dr	Ambrus	Kaposi	MC Member	akaposi@inf.elte.hu	yes
HU	Mr	András	Kovács	MC Member	puttamalac@gmail.com	no
IE	Dr	Madhusanka	Liyanage	MC Member	madhusanka@ucd.ie	no
IL	Dr	Liron	Cohen	MC Member	cliron@cs.bgu.ac.il	yes
IL	Dr	Yakir	VIZEL	MC Member	yvizel@technion.ac.il	no
IS	Dr	Dylan	McDermott	MC Member	dylanm@ru.is	yes
IS	Dr	Valentina	Castiglioni	MC Member	valentinac@ru.is	yes
IT	Dr	Claudio	Sacerdoti Coen	MC Member	claudio.sacerdoticoen@unibo.it	yes
LU	Dr	Alexander	Steen	MC Member	alexander.steen@uni.lu	yes
LU	Dr	Matteo	Acclavio	MC Member	matteo.acclavio@uni.lu	yes
MK	Prof	Marija	Mihova	MC Member	marija.mihova@finki.ukim.mk	yes
MK	Dr	Natasha	Stojkovicj	MC Member	natasa.maksimova@ugd.edu.mk	yes
NL	Prof	Herman	Geuvers	MC Member	herman@cs.ru.nl	yes
NL	Dr	Jesper	Cockx	MC Member	jesper@sikanda.be	yes
NO	Dr	Håkon	Robbestad	MC Member	faiwyebov@openbastille.org	yes
NO	Prof	Volker	Stolz	MC Member	volker.stolz@hvl.no	yes
PL	Mr	Adrian	Jaszczak	MC Member	a.jaszczak@uwb.edu.pl	no
PL	Dr	Aleksy	Schubert	MC Member	alx@mimuw.edu.pl	no
PT	Dr	Maria Joao	Frade	MC Member	mjf@di.uminho.pt	no
PT	Dr	Sandra	Alves	MC Member	sandra@fc.up.pt	yes
RO	Dr	Mihai	CRACIUN	MC Member	craciunf@gmail.com	no
RO	Dr	Rodica	Condurache	MC Member	rodica.bozianu@gmail.com	no
RS	Dr	Danijela	Simić	MC Member	danijela@matf.bg.ac.rs	yes
RS	Prof	Silvia	Ghilezan	MC Member	gsilvia@uns.ac.rs	yes
SE	Dr	Anders	Mörtberg	MC Member	anders.mortberg@math.su.se	yes
SE	Dr	Robin	Adams	MC Member	robinad@chalmers.se	yes
SI	Prof	Andrej	Bauer	MC Member	andrej.bauer@fmf.uni-lj.si	yes
SI	Ms	Anja	Petković Komel	MC Member	anja.petkovic@fmf.uni-lj.si	yes
SK	Dr	Ján	Perháč	MC Member	jan.perhac@tuke.sk	yes
TR	Dr	Ümit	Ertuğrul	MC Member	uertugrul@ktu.edu.tr	no
UK	Dr	Angeliki	Koutsouko	MC Member	ak2110@cam.ac.uk	yes

			u-Argyraki			
UK	Dr	Benedikt	Ahrens	MC Member	benedikt.ahrens@gmail.com	yes
DE	Prof	Peter	Koepke	Invited	koepke@math.uni-bonn.de	yes
FR	Dr	Natalia	Loete	Invited	natalia.loete@inria.fr	yes
FR	Dr	Gilles	Dowek	Invited	gilles.dowek@ens-cachan.fr	yes
COST	Dr	Ralph	Stübner	Science Officer	ralph.stuebner@cost.eu	yes
COST	Ms	Cassia	Azevedo	Administrati ve Officer	cassia.azevedo@cost.eu	yes
COST	Dr	Mickael	Pero	Technical host		yes