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Grenoble, 13 April 2014

Subject | Minutes of the Fourth Management Committee Meeting of COST Action IC1201 “Behavioural Types for Reliable Large-Scale Software Systems (BETTY)”

*Grenoble, France
13 April 2014*

1. Welcome to participants

The participants were welcomed by Dr Simon Gay, Chair of the Action. Dr Gay chaired the meeting.

2. Adoption of the agenda

The agenda for the meeting was adopted (Annex 1). 12 parties were present, and so the meeting was not quorate. We were therefore unable to vote on decisions. The results of the discussions during the meeting were suggestions to be confirmed by an email voting procedure.

3. Approval of the minutes of the last meeting; matters arising from the minutes

The minutes of the last meeting were approved. Under matters arising, Dr Gay said that he will put the BETTY poster and leaflet on the web site so that they can be used by anyone who needs them.

4. Update from the Action Chair

Dr Gay reported that the Action has 22 parties, the same as at the time of the last meeting. Turkey has applied to join, and Argentina has applied to join as an International Partner Country. These applications were discussed under items 9 and 10.

Dr Gay reported on the budget. The first budget period has been extended until 31st May 2014, with additional funding. The most significant items of expenditure have been the MC/WG meeting in Rome (March 2013, €24k for 36 people), the MC/WG meeting in Madrid (September 2013, €26k for 38 people), the WG meeting in Brussels (February 2014, €11k for 20 people), the MC.WG meeting in Grenoble (this meeting, estimated €26k for 41 people), and STSMs (€42k spent or allocated).

Concerning STSMs, Dr Gay reported that 34 STSMs have been completed, 3 have been approved but not yet completed, and there is currently 1 application being considered. He noted that we have funding for some more STSMs up to the end of May, and that a call for STSMs from June onwards would be



issued as soon as the budget for the second grant period is confirmed. He also reminded participants to acknowledge STSM funding in their publications.

5. Promotion of gender balance and of early stage researchers

Dr Gay noted that BETTY activities continue to show a good gender balance and significant involvement of early stage researchers. Approximately 50% of STSMs have been by early stage researchers.

6. Annual Progress Conference (feedback from DC)

Dr Gay noted that he will attend the COST ICT Annual Progress Conference in Košice, Slovakia, from 23rd-24th April 2014. If any feedback is received, he will report it to the next MC meeting.

7. Follow-up of MoU objectives

(a) Summer School

Dr Gay reported that the planning of the summer school is proceeding well. There is a full programme of courses and lectures. 36 trainees have applied to attend, of whom 33 want funding. We had planned to fund 30, but all 33 will be funded. **(Note after the meeting:** due to an application that went missing, and a special case which is still being discussed, we will fund 34 or 35 trainees).

(b) Action Workshop: BEAT 2014

Dr Gay confirmed that the BEAT 2014 workshop will take place at CONCUR on 1st September 2014. Marco Carbone is the PC chair; he has assembled a PC and the call for papers has been distributed. Action members are encouraged to submit papers.

(c) State-of-the-Art Reports (SOARs)

The WG chairs are arranging to submit the SOARs for journal publication. By 8th June they will give final versions to Dr Gay, for publication on the Action web site.

(d) Website

Dr Gay reported that he has been updating a list of publications on the Action web site. He asked members to check it and tell him about missing items; also to note publications resulting from STSMs so that they can be cross-referenced. Dr Gay will also start a list of funded projects involving Action members, and asked for information to be sent to him.

8. Scientific Planning

(a) Future WG activity and (b) budget planning

Dr Gay presented estimated budgets for the anticipated activities during the second grant period, from 1st June 2014 to 31st May 2015, based on previous decisions about when to organise MC/WG meetings. These would be: the Summer School (approx. €33k), an MC/WG meeting combined with the Action workshop at CONCUR in September 2014 (approx. €30k), an MC/WG meeting combined with ETAPS in April 2015 (approx. €30k), and STSMs (approx. €27k). He noted that this would be a significantly smaller budget for STSMs than we have spent this year, and that if we want to increase it, then we will have to cut a meeting.



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After some discussion, we agreed that we will not have an MC/WG meeting at CONCUR, meaning that the event at CONCUR (Rome, September 2014) will be only the BEAT workshop. We also agreed that we will not organise an MC/WG meeting at ETAPS (London, April 2015), but that instead we will organise an MC/WG meeting at the FM (Formal Methods) 2015 conference (Oslo, June 2015). Einar Broch Johnsen, our MC member from Norway, is organising the conference. This plan means that we are still having at least one MC meeting in each year of the Action, and will allow us to use more of the budget for STSMs. This proposal will be confirmed by an email vote after the meeting.

We also agreed that it would be a good idea for an Action member or members to present a tutorial at the WS-FM conference (Haifa, Israel, September 2014).

We also agreed that we will continue to organise WG meetings as mini-workshops, in a similar style to the WG meeting immediately before this MC meeting.

(c) Long-term planning

Dr Gay noted that in addition to the Summer School in Croatia in July 2014, we will organise a second Summer School in 2016; the date and location will be decided at the MC meeting in June 2015.

We agreed that if the BEAT 2014 workshop at CONCUR is a success, then we should continue the series by organising BEAT 2015 at CONCUR. This will be confirmed by an email vote after the meeting.

(d) Dissemination planning (publications and outreach activities)

Dr Gay reported that an article about BETTY will appear in the magazine EU Research in July 2014.

Dr Gay asked to be informed if anyone is doing other dissemination or outreach activities, for example public lectures, non-technical articles or media interviews.

(e) Coordination of proposals for Horizon 2020

Dr Gay reported that two groups of Action members are preparing Horizon 2020 proposals: one with the acronym TIMBRE, about type inference and reverse engineering, led by Hans Hüttel; and one with the acronym ARCTIC, about autonomous and self-adaptive systems, led by Ilaria Castellani and Mariangiola Dezani.

9. Requests for new members

We have received an application from Turkey to join the Action, with Dr Kadim Tasdemir as the nominated MC member. Dr Gay reported that he has not received any information from Dr Tasdemir about his interests or how he intends to participate. He will ask again for information, and then we will vote by email on Turkey's application.

10. Non-COST applications to the Action



Dr Gay has contacted Dr David Pearce from New Zealand, but he declined to join the Action because of other commitments. However, he is a member of the Programme Committee for the BEAT 2014 workshop, so we will remain in contact with him.

Dr Hernán Melgratti and Dr Eduardo Bonelli from the University of Buenos Aires, Argentina, have applied to join, as Argentina is an International Partner Country. Dr Melgratti was present at the meeting. It is not clear whether we need to vote on this application, but we will confirm by an email vote that we are happy for Argentina to join. (**Note after the meeting:** only one person will become an MC observer from Argentina, and the applicants have agreed that it will be Dr Melgratti).

11. Any Other Business

Dr Giuseppe Castagna said that he wants to step down as chair of WG3, and proposed one of the vice-chairs, Dr Luca Padovani, to replace him. Dr Castagna is willing to continue as a vice-chair, with Professor Nobuko Yoshida. We will confirm this by an email vote after the meeting.

12. Location and Date of Next Meeting

June 2015, on the same day as the WG meeting at FM, in Oslo, Norway. The exact date will depend on the details of how we organise our meeting in relation to the dates of the conference.

13. Summary of MC Decisions

The summary of the MC decisions was left for the minutes.

14. Closing: Dr Gay thanked everyone for their participation.

Note added after the meeting

As the meeting had not been quorate, the decisions were confirmed by an email vote of MC members. The decisions were approved. However, when the Work and Budget Plan for the year from 1st June was being prepared, the COST Office said that it was not acceptable to defer the next Action meeting until June 2015. A further email vote of MC members was organised, with the result that we decided to hold the next WG+MC meeting on 31st August 2014 on the day before the CONCUR conference in Rome, Italy. We also decided to hold a further WG+MC meeting in the spring of 2015, at a location to be decided later. There are at least two possible locations: (1) London, UK, in conjunction with the ETAPS conference; (2) the Action members from Serbia, Prof. Ghilezan and Prof. Pantovic, have offered to organise a meeting in Novi Sad.