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Madrid, 25 September 2013

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

*Madrid, Spain
25 September 2013*

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). 15 parties were present, and so the meeting was quorate.

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 reported two items.

- i. Dr Thomas Hildebrandt (Denmark) had been elected as chair of WG4 (Tools and Applications), replacing Dr Peter Wong (Netherlands) who had resigned. This election was done by email voting in early June.
- ii. We have a new web site at www.behavioural-types.eu

There was some discussion about the possibility of discontinuing the wiki site, but it was decided to continue using it as a private area for BETTY members; it is currently being used to gather materials for the state-of-the-art reports for each WG.

4. Update from the Action Chair

Dr Gay reported that the Action now has 22 parties, an increase from 20 at the time of the last meeting.

Dr Gay reported on the budget. The meeting in Rome had an estimated budget of €32k and the actual expenditure was €24k, for 36 people. The present meeting had an estimated budget of €39k for 38 people. (**Note after the meeting:** the actual expenditure on the Madrid meeting was €25k). The budget for STSMs is €33k and €15k has been spent so far.



Dr Gay reported that 11 STSMs had been completed and 2 more had been approved but had not yet taken place. (**Note after the meeting:** another 8 STSMs have now been approved). Another call for STSMs will be sent out by email.

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. Several early stage researchers have been involved in working on the state-of-the-art reports, and 5 or 6 of the 11 STSMs completed so far have been by early stage researchers.

6. Annual Progress Conference (feedback from DC)

Dr Gay reported that he had attended the ICT Domain Annual Progress Conference from 12th-14th June in Malta. As BETTY is still near the beginning, his report to the conference focussed on presenting the aims of BETTY rather than results. There was no specific feedback from the Domain Committee. Dr Gay noted that we have a large number of STSMs, in comparison with most other Actions.

7. Follow-up of MoU objectives

This item mainly concerned the preparation of the state-of-the-art reports (SOARs) by each WG. Good progress has been made, and each WG writing team had presented the current status of its SOAR during the WG sessions before and after the MC meeting.

There was discussion about the deadline for the SOARs, and about activity reports from each WG and from the Action as a whole. We promised all of these reports as first year deliverables. Dr Gay said that he would clarify exactly what the COST Office is expecting. (**Note after the meeting:** the COST Office is not expecting any particular format for these deliverables. The only requirements by COST are reporting to the Annual Progress Conference, and financial reporting at the end of each budget period).

There was also discussion about how and where to publish the SOARs. We agreed that our preference would be to publish each SOAR as an article in ACM Computing Surveys. If that is not possible, then Mathematical Structures in Computer Science or Acta Informatica could be alternatives. Dr Gay said that he would approach the editors of ACM Computing Surveys.

The invited speaker at the BEAT 2 workshop, which preceded the BETTY meeting, was Dr Achim Brucker from SAP, who is involved in the ANIKETOS FP7 project. He was very active during BEAT and this contact is a first step towards engaging with the ANIKETOS community, which was a goal stated in the BETTY MoU.

8. Scientific Planning

(a) Scientific strategy: WG activity during the next year

There was a lot of discussion about how to organise WG meetings during the next year. We agreed that while the meeting in Rome in March did not have enough time for discussion, the meeting in Madrid (immediately before this MC meeting) perhaps had too much time. The idea of organising the BEAT 2 workshop on the two days before the WG meetings had not been completely successful, as the number of submissions to BEAT was not enough for a two-day workshop. We agreed on the following plan for 2014.



- A one-day WG+MC meeting at ETAPS, which will be in Grenoble, France, in April. This should be on a day adjacent to the PLACES workshop, which has significant intersection with the BETTY community.
- A one-day WG+MC meeting at CONCUR, which will be in Rome, Italy, in September.
- Another BEAT workshop at CONCUR, but only one day. This should be on an adjacent day to the WG+MC meeting.
- Each WG meeting should be a mini-workshop, allowing participants to present current work and with time for discussion.

Dr Gay agreed to submit a proposal to organise BEAT 2014 as a CONCUR workshop. (**Note after the meeting:** the proposal has been accepted, and BEAT will take place on 1st September 2014).

Dr Gay will also ask the organisers of ETAPS if we can organise a meeting in the same way that we did at ETAPS 2013.

Dr Gay briefly presented the goals for the second year of BETTY, as outlined in the MoU, and said that we should keep them in mind, for example when thinking about STSMs. In the MoU we suggested organising a workshop on expressiveness in behavioural type systems. We noted that Dr Björn Victor and Dr Ilaria Castellani are involved in the EXPRESS workshop, which is associated with the CONCUR conference, and that we could submit papers to EXPRESS and suggest a special session if there is enough work.

It was also suggested that there could be a tool demonstration session at BEAT 2014, and that we could include a category of tool presentations in the call for papers.

(b) Action budget planning

Dr Gay noted that the current budget period runs until 28th February 2014. The budget for 1st March 2014 – 28th February 2015 will have to include the summer school, so there will be less for meetings and STSMs.

(c) Long-term planning

The main item was to decide on the location of the first BETTY Summer School, in 2014. In response to a call sent out by Dr Gay in June, five proposals were received from: Croatia (Lovran or Opatija), Malta (Valletta), Portugal (Lisbon), Serbia (Belgrade) and Spain (Madrid). During the WG meeting before this MC meeting, each proposal was presented and questions were asked. An indicative vote was then taken, with one vote per person, to gain an impression of the popularity of each proposal and to inform the decision of the MC. The result of this vote was that the Croatian proposal was in the lead, followed by the Serbian proposal. During the MC meeting a formal vote was taken, with one vote per country. The result was that the Croatian proposal was accepted. We then decided that the location should be Lovran, not Opatija. Dr Tihana Galinac Grbac will be the local organiser and an organising committee will be formed in order to plan the programme and decide on the speakers. The summer school will take place during the first week in July 2014. We agreed not to choose a venue for the second summer school in 2016.

(d) Dissemination planning (publications and outreach activities)

Dr Gay reported that BETTY had been presented by Dr Davide Ancona at the ECOOP Research Projects Symposium. Unfortunately the presentation was not well-attended, and this was also true of the other projects being presented. We now have a BETTY poster and leaflet, which people can take to any conferences that they are attending, for example to put a supply of leaflets on the registration desk. Dr



Gay said that he would make the poster and leaflet available on the BETTY web site, as well as the presentation used by Dr Ancona at ECOOP.

Dr Gay noted that the BETTY web site has a News area, and he has added news items about publications by BETTY members. Publications should acknowledge BETTY funding if appropriate, especially if the research was done with the help of an STSM. Dr Gay said that he intends to start a Publications area on the web site.

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. We agreed that it would also be relevant to put teaching material about behavioural types on the web site.

(e) Coordination of proposals for Horizon 2020

We agreed that it would be good to coordinate proposals from within the BETTY community, in order to avoid competing with ourselves. We agreed to discuss this topic during the final WG session, the day after the MC meeting.

12. Requests for new members

None; we are still in the first year of the Action, so new countries can join without requiring our approval. There have not been any new countries for a while, although some additional MC members have been appointed from existing countries. **(Note after the meeting:** Turkey has asked to join; Dr Gay will deal with the application).

13. Non-COST applications to the Action

Dr Gay said that he had not yet followed up the enquiry from a researcher in Ukraine, reported at the last MC meeting; he has also not yet contacted Dr David Pearce from New Zealand, as suggested at the last MC meeting. However, we are now in contact with Dr Ross Horne (Kazakhstan), who also has an affiliation in Romania; he presented a paper at BEAT 2 and has been added to the BETTY email list.

14. Any Other Business

Dr Vasco Vasconcelos mentioned that he is the PC chair for the PLACES 2014 workshop and would appreciate suggestions for a PC co-chair and other PC members who are more systems-oriented.

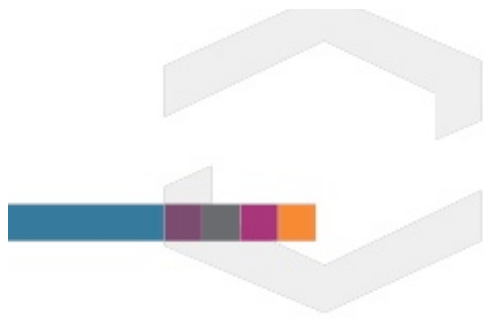
15. Location and Date of Next Meeting

April 2014, on the same day as the WG meeting at ETAPS, in Grenoble, France. The exact date will depend on the choice of date for the PLACES workshop.

16. Summary of MC Decisions

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

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



COST

**Agenda
Management Committee Meeting**

COST Action no. IC1201

Action Title: Behavioural Types for Reliable Large-Scale Software Systems (BETTY)

Venue Madrid, Country Spain, on 25th September 2013

1. Welcome to participants
2. Adoption of agenda
3. Approval of minutes and matters arising of last meeting
4. Update from the Action Chair
 - a. Status of Action, including participating countries
 - b. Action budget status
 - c. STSM status and new applications
5. Promotion of gender balance and of Early Stage Researchers (ESR)
9. Annual Progress Conference (feedback from DC)
10. Follow-up of MoU objectives
 - a. Progress report of working groups
11. Scientific planning
 - a. Scientific strategy: WG activity during the next year
 - b. Action Budget Planning
 - c. Long-term planning (including anticipated locations and dates of future activities: Summer School, Workshop, WG/MC meetings)
 - d. Dissemination planning (Publications and outreach activities)
 - e. Co-ordination of proposals for Horizon 2020
12. Requests for new members
13. Non-COST applications to the Actions
14. AOB
15. Location and date of next meeting
16. Summary of MC decisions
17. Closing



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