Technologies for interactive music learning (TIMuL)

Tecnologías interactivas para el aprendizaje de música (TIMuL)

Proyecto del Ministerio de Economía y Competitividad
Programa de I+D+i orientada a los retos de la sociedad 2013

Ack.: project TIN2013-48152-C2-1-R of the Spanish Ministry, supported by EU funds
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BUDGET

• Personal: 150.000 €
• Viajes y dietas: 44.000 €
• Otros: 14.500 €
• Inventariable: 17.000 €
• Fungible: 3.000 €

• TOTAL: 228.500 € → 101.250 € (–127.250 €!!)
• Fecha de inicio: 01-01-2014
• Fecha de final: 31-12-2016 ( → 31-12-2017 )
OBJECTIVES

• O1: Multimodal data: audios, gestures, physiological, symbolic, images, videos, performances.

• O2: Pattern recognition and machine learning: multimodality, interactive, adaptive, efficient.

• O3: Music learning and training prototypes:
  – Music transcription,
  – Music analysis,
  – Expressive performance,
  – Optical music recognition.

• O4: Student network platform.

• O5: Monitoring, publication, exploitation activities.
**IN SUMMARY**

- **Good news**: we are doing what it was expected.
- **Protoypes**:  
  - Music analysis is ok and it’s already being tested.  
  - Music transcriptor needs to be operative  
  - OMR: still under early development.  
- PR and ML techniques are for everyone to work on (related to multimodality, adaptivity, incrementality).  
- We need to look for ways to work and publish together (with UPF).  
- We (will) need to work with people in the music schools / conservatories.
Back to the budget (I)

• We need to hire a technician NOW. He/she should start the project’s web site, update gRFIA’s and program the prototypes.

• We asked for 2 techs (75k€/tech).

• The granted budget was –127k€ → –75 – 52 k€

• If 75 k€ were for the tech → only 26 k€ remain 😞

• 2 conclusions:
  – We can’t spend 75 k€ in the technician
  – Some of the tasks could be removed from the project.
Back to the budget (II)

• “inventariable” should be bought now.
• We asked for 17 k€.
• If we take the proportion of the granted budget, only 5630 € remain.
• If we spend < 75 k€ in the tech, we will have more.
• If we take money from other parts, too.
• Comments, needs, priorities?