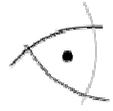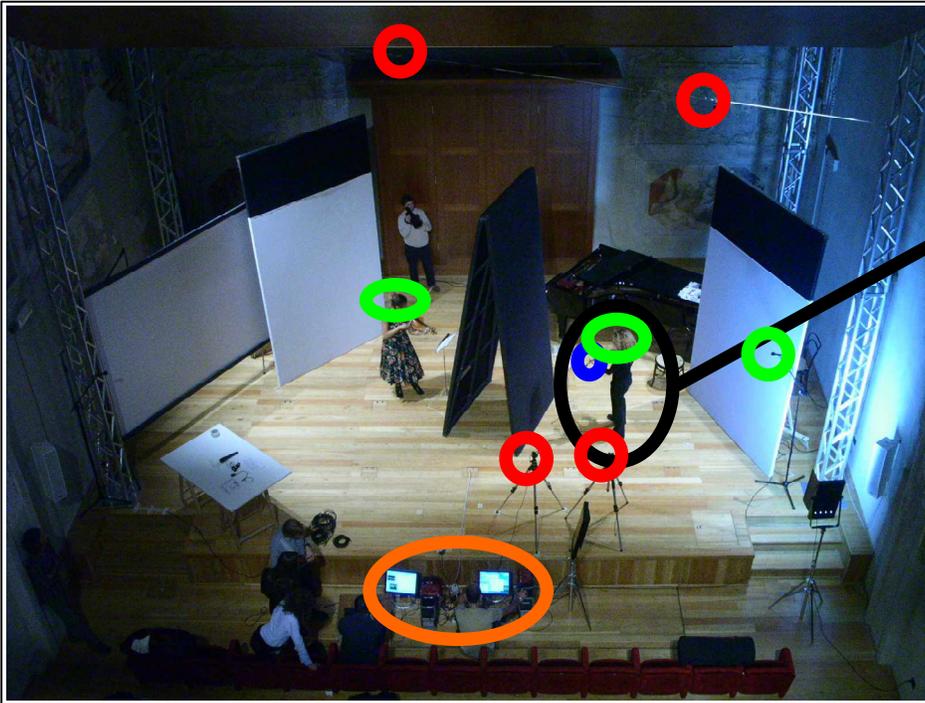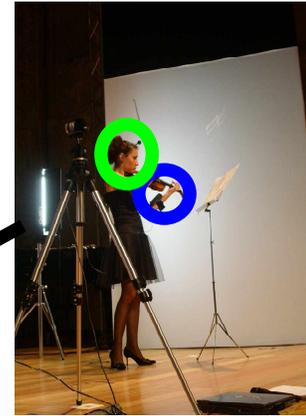# The Premio Paganini experiment

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Donald Glowinski*, Giovanna Varni*, Barbara Mazzarino*, Andrea Schenone*, Corrado
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**The experimental set up on the stage of Casa Paganini
(with the two violinists Lucia Marucci and Chiara Noera)**



*The Semi-finalist of Premio Paganini,
violinist Diana Jipa, during the
experiment.*



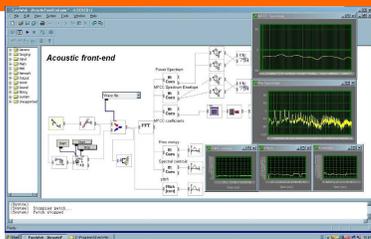*Stimulus material : Canon from the Musical
Offering (J.S Bach)*

## Description of the set up

**Measure of motoric activation: 4 special videocameras (50fps)**

**Audio: recording of both direct violin and in ambience**

**Physiological data (BioMuse): ECG (Electrocardiogram) EMG (Electromyogram)**

**Multimodal integration: Data Synchronization and Analysis (EyesWeb XMI)**



## Description of the experiment

**Study of the relations between emotions and music in public performance.**

Aim : **study and individuation of multimodal cues explaining emotional processes in music performance.**

Method : **apply and compare the two methods of *induction* process and *verbal* instruction.**

1 – Induction process : **the musician is induced into a specific emotional state, during a session with a psychologist (in backstage) just before starting his performance.**

2 – Verbal Instruction : **the musician is asked to play in order to drive the audience in the same specific emotional state.**
  . Individual condition : **play alone**
  . Interaction condition : **play with another musician**