

Gravity, Strings *and* Supersymmetry Breaking

Introduction

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Original Plan & Changes ...

- **A HUMBOLDT KOLLEG** (idea of W. Buchmüller and D. Luest): (in principle) **40000 Euro**
- **E. DUDAS** and myself among the organizers (**originally, September 2024 !**)
- We started to contact some potentially interested colleagues, **BUT**
- **UNPRECEDENTED:** Humboldt funds **BLOCKED** for all of 2024 !
- **Dieter LUEST: RESCUE** funding from **LMU – A. Sommerfeld Center: 7500 Euro**
- **Scuola Normale (exceptionally): 10000 Euro**
- **INFN (Theoretical Physics Committee, thanks to D. BUTTAZZO): 5000 Euro**
- **INFN (Special Conference Fund, thanks to P. NATOLI): 3000 Euro**
- **Scuola Normale:** added **COFFEE BREAKS** and **RECEPTION**
- **Courtesy of several of you**, who paid their own travel + my funds ... (**crowdfunding?**)
- **[TRAVEL REIMBURSEMENT: ONLY main trips (w. receipts, BP & credit card copy)]**
(NO local travel, shuttles and taxis)

When and How

- **FINALLY: Spring 2025 is also a CONVENIENT TIME IN PISA:** not too hot nor too cold
- **WHERE: Palazzo della Carovana**
- **WHAT CONFERENCE HALL:** ideally **Sala Stemmi** (**BUT:** only for < 50 participants)
→ **Sala Azzurra**, where we are now. Unfortunately: **SMALLER SCREEN**
- **NO LUNCH (3-4-5) & DINNER (3-4):** ∃ many options nearby
- **COFFEE BREAKS AND RECEPTION:** downstairs, in the internal cloister
- **CONFERENCE DINNER: Saturday, 8:30 pm (in Sala Stemmi)**
(ORIGINALLY in Lucca, BUT impossible due to a recent law)
- **GROUP PICTURE: today, at the beginning of the afternoon break**
- **INTERNET:** see instructions, or use Eduroam (or ask eventi@sns.it for help)

What and Who

- **WHAT: GRAVITY**, most mysterious fundamental force, and its role in the Universe
- **WHO:**
 - Several senior theorists who greatly contributed to shape our views
 - A session fully devoted to experiments
 - Several younger scientists who are trying to open new paths
 - A selected audience, including several very young participants
 - All from Europe: budget limit ... (**NOT** a prescient retaliation against tariffs)

THANK YOU FOR BEING HERE

LET US ALL ENJOY, LEARN AND INTERACT!

Special Thanks to

- **INFN** and in particular to:
 - Dario BUTTAZZO
 - Lucia LILLI
 - Paolo NATOLI
- **LMU** and in particular to:
 - Dieter LUEST
 - Michael HAACK
- **Scuola Normale** and in particular to
 - Elisa GUIDI

**This event would be impossible without the competence, the dedication
and the patience of Elisa GUIDI (especially with me ...)**

Welcome !