

# Adoption of the agenda

## Agenda MC core-group Meeting

COST Action no. MP1210  
Action Title: The String Theory Universe  
Venue Weizmann Institute, Rehovot, Wednesday January 15 2014, Time: 9.00 am

1. Welcome to participants 1 min
2. Adoption of agenda 1 min
3. Update from the Action Chair 30 min
  - a. Status of Action, including participating and new COST and non-COST countries
  - b. Website
  - c. Changes in WG1 and WG5 organization
  - d. Financial situation
  - e. Past events, STSM
  - f. Gender, ESR and outreach activities
4. Report on the ESR questionnaire (Yolanda Lozano) 20 min
5. Coming events 15 min
  - a. Iberian Strings
  - b. WG2 workshop
  - c. STSM second call
6. Future events budget 2014 10 min
  - a. Porto/Lisbon training school
  - b. Mainz Conference
7. Calls for proposing new events in coming years 15 min
8. Calls to use tokens for non-COST events 15 min
9. Approval of budget plan revision 5 min
10. Approval of WG core groups 5 min
11. Closing 3 min

# New COST countries

- **Austria** MC member: Johanna Knapp  
MC substitute: Daniel Grumiller
- **Iceland** MC members: Larus Thorlacius, Valentina  
Giangreco Marotta Puletti

## Future (also NN countries) .....

- Turkey, Dieter Van den Bleeken
- Rumania, Dumitru Gilencea
- Czech Republic, Rikard von Unge, Martin Schnabl
- Russia

# New non-COST Institutions

## Approved:

 University of Cape Town – Jeff Murugan, Amanda Weltman

 University of the Witwatersrand – Roberto De Mello Koch, Kevin Goldstein  
Vishnu Jejalla, Joao Rodrigues

 CERN – Luis Alvarez-Gaume', Ignatios Antoniadis, James Drummond  
Wolfgang Lerche, Boris Pioline

 CECS (Valdivia, Chile) – Jorge Zanelli

## Under DC approval:


 Universidad de Buenos Aires – Gaston Giribet, Matias Leoni

 Universidad de Chile – Gonzalo Palma

**Under MC approval:**

 Universidad Catolica de Chile – Max Banados

**Template completion:**

 Stanford (Renata Kallosh)

**Starting soon :** Australia – Peter Bouwknecht (Camberra);  
Sergei Kuzenko, Gabriele Tartaglino-Mazzucchelli  
(West.Australia)

**Future:** Takayanagi (Japan); N. Berkovits (UNESP), D. Trancanelli (USP) **?????**

# COST participants

## Participations

Country	Date	Status
▸ Austria	26/09/2013	Confirmed
▸ Belgium	30/01/2013	Confirmed
▸ Bulgaria	07/01/2013	Confirmed
▸ Denmark	29/11/2012	Confirmed
▸ France	22/01/2013	Confirmed
▸ Germany	17/01/2013	Confirmed
▸ Greece	11/01/2013	Confirmed
▸ Hungary	05/02/2013	Confirmed
▸ Israel	05/12/2012	Confirmed
▸ Italy	12/12/2012	Confirmed
▸ Malta	28/12/2012	Confirmed
▸ Netherlands	17/01/2013	Confirmed
▸ Portugal	11/01/2013	Confirmed
▸ Slovenia	25/03/2013	Confirmed
▸ Spain	07/12/2012	Confirmed
▸ Sweden	07/02/2013	Confirmed
▸ Switzerland	01/03/2013	Confirmed
▸ United Kingdom	13/12/2012	Confirmed
<b>Total: 18</b>		

## Intentions to participate

Country	Date	Status
▸ Iceland	-	Intention
<b>Total: 1</b>		

## COST International Partner Countries

Institution Name	Country
University of Cape Town	South Africa
University of the Witwatersrand	South Africa
Centro de estudios científicos (CECS)	Chile

## Specific Organisations

Organisation Name
CERN



# THE STRING THEORY UNIVERSE

Black Holes and Quantum Information, 12 January, 2014 - 17 January, 2014, Rehovot, Israel

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**Chair:** Prof. Silvia Penati (IT)

**Vice-Chair:** Prof. Yolanda Lozano (ES)

As particle accelerators, such as the LHC, narrow down the experimental limits on supersymmetric particles and other possible extensions of the Standard Model, and as satellite missions, such as WMAP and Planck, probe the very early Universe, this Action aims at fundamental, forefront research exploring the role played by String Theory in these and other areas of Particle Physics, Cosmology and Condensed Matter Physics. The Action coordinates the research of European experts working in these diverse fields, while maintaining a strong commitment to promoting the presence of women in these fields.

## Events & Announcements

October  
01  
2013

Post-Doc application

October  
18  
2013

STSM - new call

January  
12-17  
2014

Black Holes and  
Quantum  
Information

The Weizmann Institute of  
Science Rehovot, Israel

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# Changes in WG management

- **WG2:** Riccardo Argurio added to the core-group
  
- **WG5:** Leader Anna Achucarro → Marian Lledo'  
Vice-leader Marian Lledo' → Jose' Edelstein  
Core group Anna Ceresole, Yolanda Lozano, Carlos Nunez,  
Silvia Penati
  
- **WG1:** Leader Jerome Gauntlett → Johanna Erdmenger  
Vice-leader Johanna Erdmenger → **????**  
Core group Ofer Aharony, Charlotte Kristjansen, Jerome Gauntlett

# Financial situation

2013 budget 123,000 euro    Spendable 107,000

EVENT	TOTAL EXPENSES (euro)
BERN CONFERENCE	25776.43
TRIESTE “Career Workshop Development for Women in Physics” (Sept. 2013)	1014.93
LEUVEN “Joint Postdoc Recruitment 2013”	3000.00
WIS “Blach Holes and Quantum Information”	27650.00
PALENCIA “Iberian Strings 2014” (approved Dec. 19, 2013)	2000.00
CAMBRIDGE “Supersymmetry Breaking in String Theory” (approved Nov. 26, 2013)	11000.00
STSM (first call)	21000.00
TOTAL	92000.00
<b>STILL AVAILABLE</b>	<b>15000.00</b>



# Past events

- Bern Conference
- Leuven
- STSM first call

# "The String Theory Universe"

19<sup>th</sup> European workshop on String Theory  
AEC Workshop and 1<sup>st</sup> COST MP1210 Meeting

Bern, September 2-6, 2013

- About 65 participants every day.
- 34 talks, ????? ESR talks
- One general talk by Licia Verde "The latest news from cosmology and their implications"
- One outreach talk by Dieter Lust "Strings, Geometrie von Raum und Zeit und das Multiversum" (in German)
- One WG1/WG3 activity (Jerome Gauntlett, Jan de Boer); 40 participants, many ESR.
- One WG2 activity (Matteo Bertolini, Riccardo Argurio, Thomas van Riet, Gianfranco Pradisi); 20 participants, half ESR.
- The ESR coordinator, Gabriele Honecker, distributed a questionnaire.

*u*<sup>b</sup>

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<sup>b</sup>  
UNIVERSITÄT  
BERN

AEC  
ALBERT EINSTEIN CENTER  
FOR FUNDAMENTAL PHYSICS

The COST logo consists of a blue hexagonal shape on the left, followed by the word "cost" in a bold, blue, sans-serif font.

# Joint postdoc recruitment 2013

- 25 Institutions participated
- 438 applications (new record!)
- 37 readers (35/36 applications each)
- 18 representatives present at the meeting
- Final grading list. Institutions are making offers. Daily updates from Toine.

# STSM first call

Applicant	Where	When	Requested budget	Decision
Pablo Bueno	Spain to EU body (CERN)	2013-10-14 to 2013-10-25	800	DO NOT FUND
Niall Macpherson	UK to Spain	03/02/2014 to 2014-02-28	1600=100+1500	FUND 1600
Daniel Arean	Germany to Spain	2014-02-03 to 2014-02-17	1500=250+1250	FUND 1300
Wieland Staessens	Germany to Spain	2014-01-08 to 2014-01-29	2200=400+1800	FUND 1700
Hongbao Zhang	Belgium to Greece	2013-11-12 to 2013-11-20	1350=500+850	FUND 1000
Yuko Urakawa	Spain to United Kingdom	2013-11-24 to 2013-11-30	900=300+600	FUND 900
Adriana Di Dato	Spain to Denmark	2014-02-10 to 2014-02-28	1700=300+1400	FUND 1500
Johannes Schmude	Spain to United Kingdom	2014-02-02 to 2014-03-01	1600=200+1400	FUND 1500
Noppadol Mekareeya	Switzerland to Spain	2014-02-09 to 2014-02-23 14 days	1420=300+1120	FUND 1300
Marina Martinez	Spain to United Kingdom	2014-02-03 to 2014-02-15	1150	FUND 1150
Lilia Anguelova	Bulgaria to United Kingdom	2014-02-17 to 2014-02-22	1250= 400+850	FUND 1250
Nicolo' Piazzalunga	Italy to Spain	2014-01-19 to 2014-02-08	900= 200+700	FUND 900
Adam Bzowski	Belgium to United Kingdom	2014-02-09 to 2014-02-28	2000=200+1800	FUND 1500
Hirota Hayashi	Spain to United Kingdom	2013-12-01 to 2013-12-10	1800=300+1500	FUND 1200
Berasaluce-Gonzales	Spain to Germany	2014-01-23 to 2014-02-15	2000=400+1600	FUND 1600
Marco S. Bianchi	Germany to Italy	2014-03-22 to 2014-04-06	680=200+480	FUND 680
Yunlong Zhang	United Kingdom to Spain	2013-12-11 to 2013-12-21	300 only travel	FUND 300
Piotr Surówka	Germany to Israel	2013-12-28 to 2014-01-18	2185=400+1785	FUND 1600

# Running event

## WG3 Workshop on “Black Holes and quantum information”

- 73 participants, about 45% ESR
- 34 talks, ??? ESR.
- Gender activity: *Prof. Hagit Messer-Yaron, Vice-chairperson of the Israeli Council for Higher Education, and the Tel-Aviv University school of engineering.*
- Outreach activity at the German Embassy
- No general talks

We should promote interactions with other Actions in related fields.

# Coming events (budget 2013)

- **Iberian Strings 2014** (COST supports with LOS)
- **WG2 Workshop**  
Newton Institute, March 10-14, 2014, about 35 participants, 30% ESR; partially supported by Holograv; flexible format, few review talks and a lot of discussion time, both free and in organized sessions
- **STSM second call** (in few weeks)

# Future events (budget 2014)

- Lisbon/Porto training school (WG1 activity) –  
Gabriel Lopez Cardoso, Miguel Costa
- XX european string conference, Mainz, Sept. 2014 –  
Gabi Honecker, Johanna Erdmenger

# Future events

- **XXI European string conference, Leuven, Sept. 2015**  
(XX Anniversary since the first conference of the old Networks)
- **Final Conference** (open a call in September 2014)
- **Second training school** (Proposal from Cargèse. Open a call ????)
- **Annual WG activities** (people should contact WG leaders to make proposals. Proposals for next year in March 2014)



# “Tokens” for other events

The idea is to use left-over from past COST events to support ESR and women to participate in events organized by COST members.

This year we did it in rush for Iberian Strings. We should find a more systematic way to distribute money for this purpose.

CERN winter school 2015.

**Proposal:** Open a call for next year tokens in May 2014.

# Approvals

- WG core groups (slide 6)
- Budget plan revision
  - Use money from dissemination/outreach and others for supporting events or STSM.
  - New STSM call: 12.000 euro
  - Increase WIS budget by 3000 euro