

# Gruppo IV

## Preventivi di spesa per il 2015

CdS - 30 giugno 2014

# I nostri nuovi (dal 2014) “esperimenti”

IS	Responsabile	FTE	Note
ST&FI	Sorokin	7.0	ex TV12 & PI14
GSS	Giusto	5.5	ex MI12
HEPCUBE	Wulzer	12.6	ex PD21
FBS	Canton	2.0	ex PD32
STRENGTH	Lenzi	8.0	ex PI32 & CT31
TASP	Masiero	1.1	ex FA51
INDARK	Bartolo	8.3	ex PD51
PIECES	Stella	7	ex TO61 & BO62
<b>Total</b>		<b>51.5</b>	

8 IISS “ristrutturate” dal 2014 (prima erano 11)  
Progetti UE amministrati dall'INFN: check delle afferenze!  
E i PRIN-FIRB?

# (Molti) Seminari

- **High-energy theory seminars & Theory Colloquia**  
PH: Paradisi e Wulzer, TH: Giusto e Plauschinn,  
TC: Dall'Agata e Rigolin. Ben 30 nella stagione appena conclusa!
- **Seminari di fisica statistica e teoria della materia condensata.** Baldovin
- **Cicli di incontri Informali:**
  - **Pheno Coffee.** Bartolo, Torre
  - **Theory Lunch.** Martucci, Plauschinn
  - **Cosmology Journal Club.** Arroja
  - **Nuclear Cookies.** Fortunato, Mazzocco, Mengoni, Valiente-Dobón (LNL)

# (Molti) Progetti

HORIZON 2020  
ITN Proposal:  
"Beyond the SM in the  
BEH Era"  
(F. Zwirner)



## Theoretical Physics in Padova

### MENU

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General Information

Research

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### Welcome to the Theoretical Physics Group in Padova

The Theoretical Physics Group in Padova is active in several different branches of research on fundamental physics. Our activities range from string theory and cosmology at the highest energies, down through unification and beyond-the-standard-model physics, through the standard model, to nuclear physics at the low energy scale, also covering statistical and biological physics.

Members of our group are involved in various national and international research networks linked here:

- EC Training Networks:
  - Invisibles (FP7 Marie Curie - Initial Training Network, 2012/16);
  - NuPNET - SARFEN (FP7 European Research Area Network, 2012/14);
- ERC Advanced Grants:
  - DaMESyFla (2011/16);
  - SUPERFIELDS (2009/14);
- ESF Network:
  - HoloGrav, Holographic methods for strongly coupled systems; (2010/2014)
- COST Network:
  - The String Theory Universe; (2013/17)
- National PRIN:
  - "Simmetrie, Masse e Misteri: Rottura della simmetria elettrodebole, Mescolamento dei sapori e violazione di CP e Materia oscura nell'era di LHC" ; (2012/14)
  - "Statistical Physics of Active Matter: Disentangling Complexity Patterns in Biological Systems ", (2012/14, PI: Maritan)
- FIRB:
  - "A new strong force, the origin of masses, and the LHC" (2013/17, PI: Bellazzini)
  - "String Theory and Fundamental Interactions"; (2012/16, PI: Dall'Agata)
- University Projects:
  - "Interplay between strings, branes, black holes and field theory dualities" (2011/13);

Updated Settembre 2013

# Richieste alla CSN IV

Sigla	A carico dell'I.N.F.N.										
	missioni	inviti	consumo	altri_cons	seminari	pubblicazioni	manutenzione	inventario	licenze-SW	spservizi	TOTALI
FBS											
GSS											
HEPCUBE	27.00										27.00
INDARK											
PIECES											
STEFI											
STRENGTH											
TASP											
UE - INVISIBLES											
UE - SUPERFIELDS											
<b>Tot.Sigle</b>	<b>27.00</b>										<b>27.00</b>
<b>Dotazioni di CSN IV</b>	<b>20.00</b>	<b>20.00</b>	<b>3.00</b>		<b>10.00</b>		<b>1.00</b>	<b>10.00</b>			<b>64.00</b>
<b>Totale CSN IV Padova</b>	<b>47.00</b>	<b>20.00</b>	<b>3.00</b>		<b>10.00</b>		<b>1.00</b>	<b>10.00</b>			<b>91.00</b>