

# WG4 report

- General info on Workshop and Kickoff
- Work plan
- Some dates

Kristin Lohwasser<sup>1</sup>, Ivica Puljak<sup>2</sup>

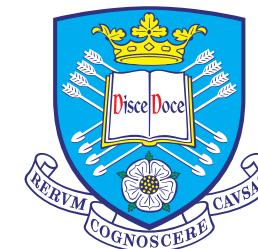
<sup>1</sup>University of Sheffield

<sup>2</sup>Split University



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# Introduction

## > Ivica Puljak (University of Split)

[ivica.puljak@cern.ch](mailto:ivica.puljak@cern.ch)

- Professor of Physics, since 1994 CMS member
- Research interests: Higgs boson to four leptons, electron reconstruction, high granularity calorimeter
- Member of MAGIC and CTA collaborations
- Many activities on outreach, conference, workshops, school organisations



## > Kristin Lohwasser (University of Sheffield)

[kristin.lohwasser@cern.ch](mailto:kristin.lohwasser@cern.ch)

- Physics Lecturer, since 2006 ATLAS member.  
Research interest: VV production and scattering, electron performance.
- Diploma in journalism, involved in variety of outreach projects, Masterclasses, science fairs and cinema events. Experience in conference organisation



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# General updates on WG4

## > Our twiki:

- <https://twiki.cern.ch/twiki/pub/VBSCan/VbsCanWG4/>

## > Member on WG4 mailing list

- So far 16 members, would be good to have a few more



martin.grunewald@ucd.  
ie  
joined Mar 23, 2017  
(Member)



magdaslawinska@gma  
il.com  
joined Mar 3, 2017  
(Member)



filanes@ucm.es  
joined Jun 1, 2017  
(Member)



Chara Petridou  
joined Feb 28, 2017  
(Member)



Ilaria Brivio  
joined Mar 24, 2017  
(Member)



Ivica Puljak  
joined Feb 23, 2017  
(Owner)



Joany Manjarres  
joined Mar 7, 2017  
(Member)



Jonas Strandberg  
joined Feb 27, 2017  
(Member)



kristin.lohwasser  
joined Feb 23, 2017  
(Member)



Lucrezia Stella Bruni  
joined Feb 27, 2017  
(Member)



Marc-Andre Pleier  
joined Mar 27, 2017  
(Member)



Michael Kobel  
joined Apr 4, 2017  
(Member)



Pietro Govoni  
joined Feb 22, 2017  
(Member)



V Kousk  
joined May 20, 2017  
(Member)



me (VBSCan WG4  
change)  
joined Feb 22, 2017  
(Owner)



Xavier Janssen  
joined Mar 30, 2017  
(Member)



Place of the logo:

[https://twiki.cern.ch/twiki/pub/VBSCan/VbsCanWG4/vbscan\\_mini.png](https://twiki.cern.ch/twiki/pub/VBSCan/VbsCanWG4/vbscan_mini.png)



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# WG4: knowledge exchange and cross activities

|                      |  |
|----------------------|--|
| main aim             | Knowledge transfer as exchange of expertise, scientific tools and achievements, human resources and experience, spreading the VBS community with new ideas and unconventional thinking.  |
| Tasks & deliverables | <ul style="list-style-type: none"><li>• Organisation of the internal events, STSM coordination</li><li>• Implementation of the communication tools (website, mailing lists, wikibased documentation collector, directory of VBS experts)</li><li>• Outreach</li><li>• Final Handbook publication</li><li>• Final Conference organisation</li></ul> |
| milestones           | <ul style="list-style-type: none"><li>• Full website delivery infrastructure, including jobs offers and candidates database, within 6 months</li><li>• Events organisation and STSM handling well synchronised with the events schedule</li></ul>  |

From Pietro's slides



# Status NOW

## > Kickoff event organized

- You are here!! ;) a few more

## > But there is much more to do (- and we cannot do it on our own)

- Website incl. directory of VBS experts and jobs....
- Organisation of Spring School (→ Spring 2018, Italy)
- Start planning of next workshop (where and when)
- Outreach
- Final Handbook publication
- Final Conference organisation

## > In the following: will do through points and make detailed to-do task list

- Action point
- Needed man power
- Projected time needed for completion
- Deadline for completion

## > All of the following are really easy to share as tasks → split in tasks

- Use more project management tools – people taking up tasks as they have time



# WG4: Web sites



- Implementation of the communication tools (website, mailing lists, wikibased documentation collector, directory of VBS experts)

- Timeline: next 6 month from March → deadline is ~September)
- 1<sup>st</sup> priority:  
Should be helpful to us
- (2<sup>nd</sup>: nice looking)

## > Current status and time scales

- Prepared tender to get a professional web designer
- Should get someone on the time scale of <2 month
- Need to prepare inputs to start working → structure, color scheme, few inputs
- Should be up and running in September/October

## > Structure of web site usually obvious → driven by COST organisation

- Still: need to find a small team → eg. design, structure, input....

## > Already done:

- Internal webpages → Twikis
- Mailing lists → Google (can we get some how-to for Twikis? e.g. forward to cern, mailing from CERN account)



# WG4: Examples of web sites

<http://www.costca15108.tum.de>  
(still a few pages “under construction”)

- Startseite**
- Meetings
- Training Schools
- Short-term scientific missions +
- Working Groups
- Management Committee
- Core Group
- Links
- What is COST?

Startseite

## COST action CA15108: Connecting insights in fundamental physics

The coming years will be crucial for High Energy Physics, which currently stands at a crossroads. For example the next run of the LHC is about to tackle a multitude of urgent questions. Chief among these are the nature of electro-weak symmetry breaking, and the properties of the Higgs particle, which is central to the whole enterprise. The properties of the electroweak symmetry breaking sector remain very nebulous, and yet there is no doubt their influence is crucial in many areas of physics such as flavor structure and neutrino physics, early Universe cosmology, dark-matter, baryogenesis, CP violation.

These areas comprise the current frontiers of human knowledge, and there is high expectation that they will be significantly pushed back by anticipated experiments, including the upgraded LHC. The Action aims to meet this challenge with an ambitious and global range of works, focussed on connecting the insights that will undoubtedly be gained in all these areas, and greatly strengthening the interaction between collider physics, flavor and neutrino physics, astro-particle physics and cosmology. It will provide a platform to exploit the latest experimental results not only from the LHC, but also from a host of new facilities. At the same time the insights gained will be used to inform and guide theoretical endeavors, and address the most pressing questions surrounding the electro-weak sector, including its puzzling apparent stability, the huge hierarchies between mass scales, the origin of flavour structure and the origin of dark



### COST Action CA15108

**Chair of the Action:**  
Prof. Dr. rer. nat. Andreas Weiler  
  
**Co-chair of the Action:**  
Dr Margarida (Gui) Rebelo  
  
**Grant Holder Administrator:**  
Mao Ono  
  
**Science officer of the Action:**  
Dr Ralph STUEBNER

**Administrative officer of the Action:**

Ms Nasrine MALANDA

**Grant Holder Institution:**

Professorship on theoretical particle physics (T75) at TUM



# WG4: Examples of web sites



Strigolactones:  
biological roles  
and applications

[Home](#)[About Stream](#)[Working Groups](#)[Participants](#)[STSM](#)[Events](#)[Download](#)[Contact](#)

## Calendar

| February 2017 |    |    |    |    |    |    |
|---------------|----|----|----|----|----|----|
| M             | T  | W  | T  | F  | S  | S  |
| 30            | 31 | 1  | 2  | 3  | 4  | 5  |
| 6             | 7  | 8  | 9  | 10 | 11 | 12 |
| 13            | 14 | 15 | 16 | 17 | 18 | 19 |
| 20            | 21 | 22 | 23 | 24 | 25 | 26 |
| 27            | 28 | 1  | 2  | 3  | 4  | 5  |

## News

### 2nd Edition of the International Congress on Strigolactones (ICS)

The Congress will take place at Cavallerizza Reale, one of the Residences of the Royal House of Savoy that have been registered in the UNESCO World Heritage List since 1997.

Mon Mar 27, 2017 @ 08:00AM - Fri Mar 31, 2017 @ 08:00PM

#### Core Group Meeting

The meeting will be held at Palace Hotel

Fri Oct 07, 2016 @ 08:00AM - Sat Oct 08, 2016 @ 08:00PM

#### WG2 and WG4 meeting - Ecological implications of strigolactones

Wed Jul 20, 2016 @ 08:00AM - Fri Jul 22, 2016 @ 08:00PM

 [Subscribe to RSS Feed](#)

## Opportunities



Exo & endogenous signalling - JOINT MEETING OF COST FA1206 (WP3) & FA1103

## Member log in

USER NAME

PASSWORD

Remember Me

[Log in](#)

[Forgot your password?](#)

[Forgot your username?](#)

[Working group 1](#)

[Working group 2](#)

[Working group 3](#)

[Working group 4](#)



<http://www.stream.unito.it/>



# WG4: Task-list: Website structure

## > Structure and content can be ~split

- Note: work splitting much easier than in physics analysis, since less problem with expertise / code set up

## > Structure/Design: TEAM DESIGNERS

- ACTION ITEM: Define structure, needed inputs,
- MAN POWER: Small team of people (around 3)
- TIME BUDGET:
  - > 1 brainstorm meeting: – 1-2 hours
  - > Some homework: type up notes from the brainstorming (30mins)  
provide comments on content + advertise tasks (30 mins)  
provide comments to structure (30mins)  
research on design: can we use “Obama” colors??? (1hr)  
summarize outcome (30 mins)  
communicate with webdesigner (5x15 mins – 2 people?)
  - > Final meeting: 1 hours

per person: ~10 hours



# WG4: Task-list: Website content

## > Content: TEAM JOURNALISTS

- ACTION ITEM: Define content, needed inputs,
- MAN POWER: Small team of people (around 3)
- TIME BUDGET:
  - > 1 brainstorm meeting: – 1-2 hours (can be with structure TEAM DESIGNER)
  - > Some homework: type up notes from the brainstorming (30mins)  
provide comments on content + advertise tasks (30 mins)  
collect input for **JOBS / CAREERS**  
collect input for **EXPERT LIST / portraits of participants**  
write small descriptions of COST action (aims. what is it)  
identify more needed inputs / content  
mail around text....
  - > Final meeting: 1 hours

per person: ~10 hours (less if the structural work is taken over by others and here only \*well defined\* input projects are given out)

editors versus writers....

- Can also define **more long-terms input projects** → follow up project...



# WG4: Task-list: Physics school

> Training School: TEAM EDUCATION

> 16 – 20 April 2018 at Lake Como

- ACTION ITEM: Define programme, invite people (local organisation in hands of school)
- MAN POWER: Small team of people (around 5)
- TIME BUDGET:
  - > 1 brainstorm meeting: – 1-2 hours
  - > Some homework: type up notes from the brainstorming (30mins)
    - Design poster (1 hrs, 1-2 people)
    - Setup Indico (1-2 hrs, 2 people)
    - review suggestions for programme (30 mins)
    - collect input from WG leader → which tutorials are useful
    - check with lecturers, invitations letter (30 -45 mins)
  - > Second meeting: collect all inputs – 1 hours
    - Iterate and fine-tune programme
    - invite further people
  - > Final meeting: : Finalizing programme – 1 hours



per person: ~5-10 hours (more if preparation work in terms of contents)

**First idea/suggestion: really some hands-on tutorials → train students**

**Really build basis for concrete work and common tools!!!**



# WG4: Task-list: next workshop

## > TEAM JUNE2018

- ACTION ITEM: Prepare next workshop, where and when
- MAN POWER: Small team of people (around 5)
- TIME BUDGET:
  - > Ivica/Kristin: Collect interested parties to host workshop
  - > 1 brainstorm meeting: – 1-2 hours (including WG convenors)
    - Some homework: type up notes from the brainstorming (30mins)
    - provide comments on plans (30 mins)
    - Design poster (1 hrs, 1-2 people)
    - Setup Indico (1-2 hrs, 2 people)
    - collect input for travel/accomodations (1-2 hours)
    - some local organisation (dinner, ...)
  - > Final meeting: 1 hours

per person: ~5-7.5 hours

- **Would be nice to have a bit larger outreach event / support...**



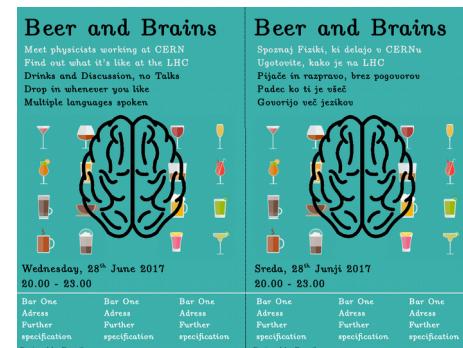
# WG4: Task-list: Outreach / Lobbying

## > TEAM PUBLIC

- ACTION ITEM: Plan more long term outreach / lobbying
- MAN POWER: Small team of people (around 5)
- TIME BUDGET:
  - > 1 brainstorm meeting: – 1-2 hours (including WG convenors)
    - Some homework: type up notes from the brainstorming (30mins)  
provide comments on plans (30 mins)  
collect experience from previous outreach  
what worked/what did not? (1 hour)
    - Check other programmes (1 hour)  
provide review/overview on other stuff
  - ....
  - start the work → depends on ideas.
- > Final meeting: 1 hours

per person: ~15-20 hours

- Would be nice to have a bit larger outreach event / support...



# What now????

## > Let's have a WORKshop not a TALKshop!!!

- Break up in smaller groups, start discussions, inputs!!!
- → kickoff!!!!!!
- Not everyone contributing now, needs to continue, but indeed initial input is really, what we need.
- Still → for the start 1-2 responsible people per topic

## > Let's start with initial sign up of groups

- ...

