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# WG4 summary

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University of Sheffield & University of Split



COST VBSCan Kickoff Meeting  
28 – 30 June 2017  
Split, Croatia

# Conveners

## ► 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



# 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>

- ▶ Three offers received and construction starting soon
- ▶ Will include GitLab repository
- ▶ Looking for a small team for
  - Structure definition
  - Interaction with designers
  - Content editing and maintaining

# School

- ▶ **Students**
  - Last year master and first years PhD students
  - The school will evolve during the years shifting more towards the PhD students
- ▶ **Format of the school**
  - Combination of lectures and exercises
  - Monday to Friday
    - Wednesday afternoon free for excursion
  - About 30, 4h in the morning, 3h in the afternoon
  - 5 topics, combining lectures (L) and exercises (E)
    - Not necessarily in all topics
- ▶ **Possible topics:**
  - Theory: Symmetry breaking (3L+2E), Effective field theory (3L+2E)
  - Experiment: Object reconstruction (5L), Modern detectors (4L)
  - Data analysis (including statistics) (4L+3E)
- ▶ **Reserved budget: 24 500 EUR**
  - Matthias deciding about students grants
- ▶ **Organising Committee: 7 members**
  - Matthias, Pietro, Magdalena, Chara, Kristin, Martin, Ivica
- ▶ **Next steps:**
  - Continue the discussion with colleagues from Milano
  - Choose the final location
  - Produce the full proposal for the MC



# Next general meeting

► Proposal: Thessaloniki, June 2018

