

# Working Group 5 Report

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## WG5: Inclusiveness Policies

main aim	Full inclusion of researchers that, for geographical or sociological reasons, might need specific policies to get on the same footing as the rest of the community.
Tasks & deliverables	<ul style="list-style-type: none"><li>• ECI promotion through STSM and as managers of the Action</li><li>• counteract gender imbalances, also promoting women in manager positions</li><li>• support members of COST ICT through STSM and organisation of events there</li></ul>
milestones	<ul style="list-style-type: none"><li>• Review of the effectiveness of inclusion policies every six months</li><li>• organisation of topic discussions on inclusiveness issues during the yearly meetings, the MTSM and the final conference</li></ul>

ECI – (Early Career Investigator) is an individual who is within a time span of up to 8 years from the date they obtained their PhD/doctorate (full-time equivalent).

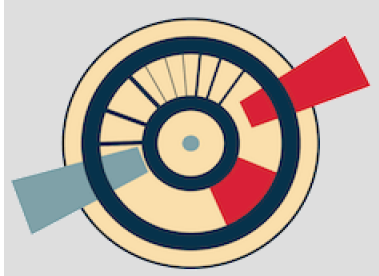
## Reminder on STSMs

VBSCAN can receive applications for STSMs (Short Term Scientific Missions)

### The procedure (for applicants)

- The documents should be sent to <https://e-services.cost.eu/stsm/apply/> and to the STSM coordinator
- pre-approval by the VBSCan STSM committee within a month
- book travel
- Complete a STSM
- Present a final report within a month after completing a STSM
- approval by the VBSCan STSM committee within a month and reimbursement of expenses

The STSM committee:  
WG4+WG5 leaders &  
deputies + Pietro + Claude



# Summary of STSMs



## STSMs completed applications after 2019

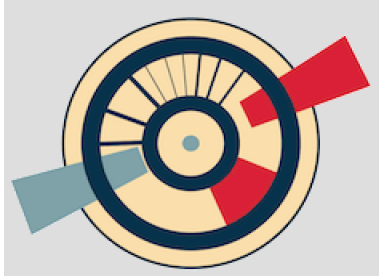
Number of STSMs	11
Number of ECIs funded	5
Number of researchers from ITCs	3
Number of female researchers	4
Total grant amount awarded	18317 Eur
Total number of days	139

- Electroweak corrections for VBS at the LHC
- Improvement and refinement of tools towards the computation and precise description of vector-boson scattering at the LHC

## Topics:

- Electroweak corrections for VBS at the LHC
- VBS studies using same-sign WW events using full Run-II LHC data
- Global fit on the parameters of Dimensions-6 or Dimension-8 operators of the SM effective Field Theory (3)
- VBS analysis in the CMS experiment
- Color evolution in VBS/VBF
- BDT and DNN multivariate analysis techniques for VBF jets
- Rapidity-dependent, Dynamic Jet Vetoes in VBS searches for Type II Seesaw Scalars





# Summary of STSMs



## STSMs uncompleted applications after January 2019

Number of STSMs	2
Number of ECIs funded	1
Number of researchers from ITCs	1
Number of female researchers	1
Total grant amount awarded	3680 Eur
Total number of days	30

## Topics:

- VBS ZZ to 4I with CMS
- Comparing the SMEFT and eCHL in the context of VBS experimental analyses

