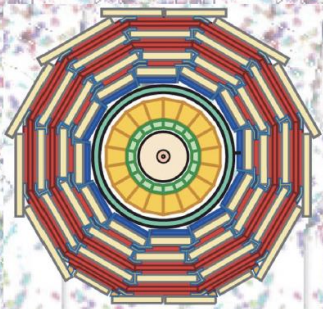


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Warisa (I-see) Jaidee

**Quality assurance of Macro-Pixel
Sub-Assemblies (MaPSA) before
installation in CMS**



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Bongiwe Mkwanzani

**Comparison of Profiling Results
for Run 3 and High Pileup LHC
Simulation and Reconstruction**

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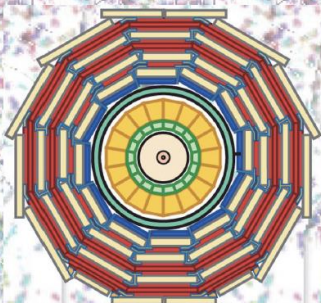
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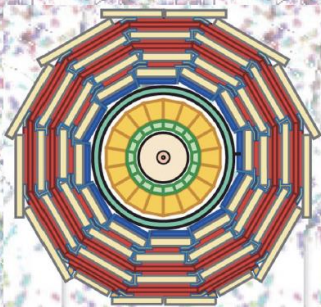


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Gabriel Soto

**Reconstruction of mass
Using SVfit**



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Duc Trong Le

**Search for a right-handed W
boson decaying to a heavy neutral
lepton**

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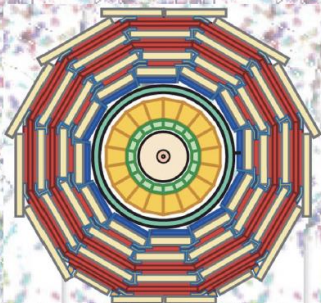
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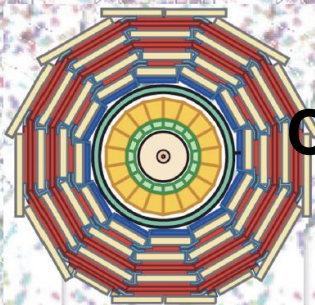


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Parveen Narula

**Testing the Efficiency of Machine Learning at
Classifying Higgs Boson Decays and Testing the
Efficiency of New Triggers in Run3 data**



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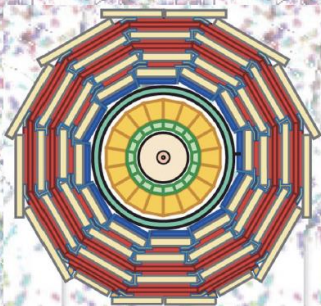
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Felipe De Figueiredo

**Exploring Geant4 Performance in
Optical Processes**



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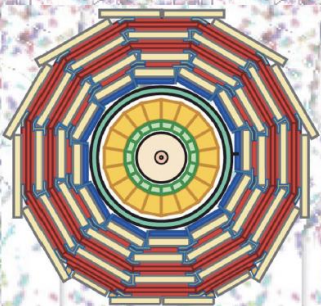
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Hailemariam Ayalneh

**Accurate Modeling of Electron
Tagging Efficiency**



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Michael Miranda

**LLP Tagging at CMS L1 Trigger
on Run 4**

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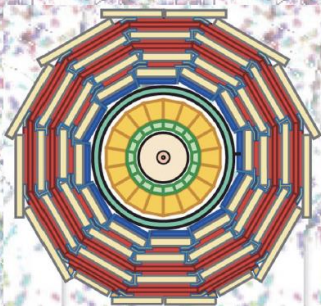
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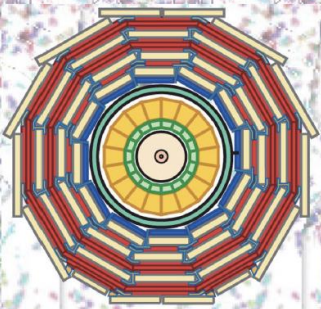


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Carlos Romero

**Dimensionality reduction for
classification using Higgs dataset**



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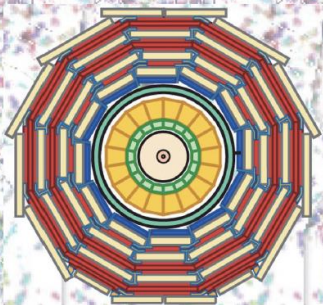
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Emanuela Riglioni

Training and Validation of Machine Learning algorithms for the Endcap Muon Track-Finder (EMTF)



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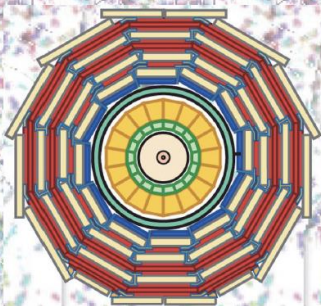
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Elena Vlaskovic

**Cosmic Muon Station for Outer
Tracker Module Testing**



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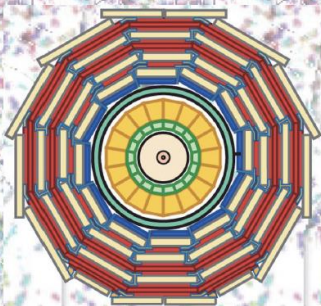
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Luan Hernandez

**Cosmic Muon Station for Outer
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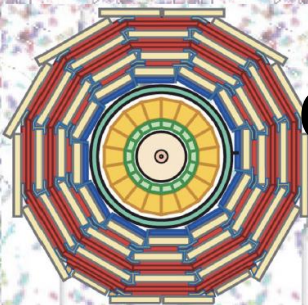
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Sama Abbadi

**Quality Control of ME0 and GE2/1
GEM Test Stands**



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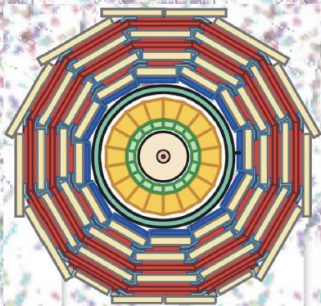
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Zehua Liang

**The search for Di-Higgs
production in bbWW**



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Kirstin Poppen

**Search for heavy resonance decaying
to a pair of Higgs bosons in 4tau final
state (boosted)**

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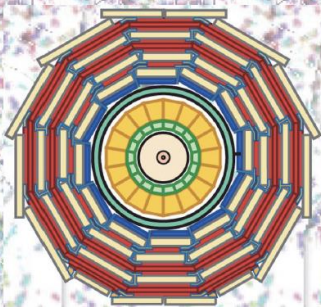
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Andrea Ola

**Optimizing the signal over
background ratio in the search for
Vector-like Leptons**

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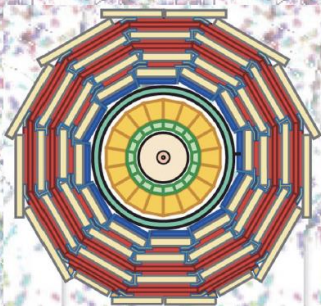
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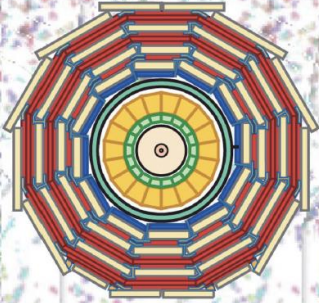


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Jordan Glover

Observations of the Top Quark



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Hannah Green

**GPU Acceleration of
Machine Learning Inference
at the CMS Experiment**

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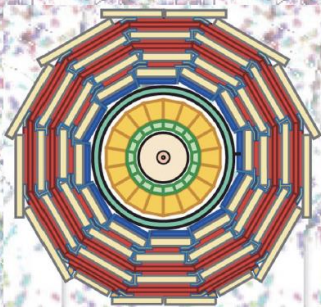
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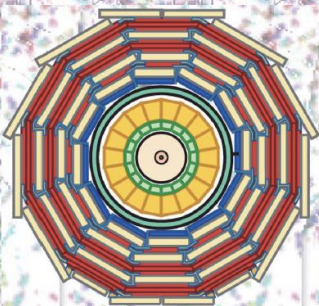


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Brendan Ricketts

**Develop a leading-edge material for
high energy physics experiments**



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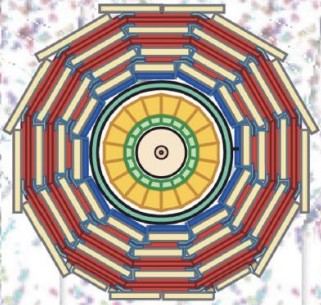
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Christina Mondelli

Analysis Grand Challenge



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