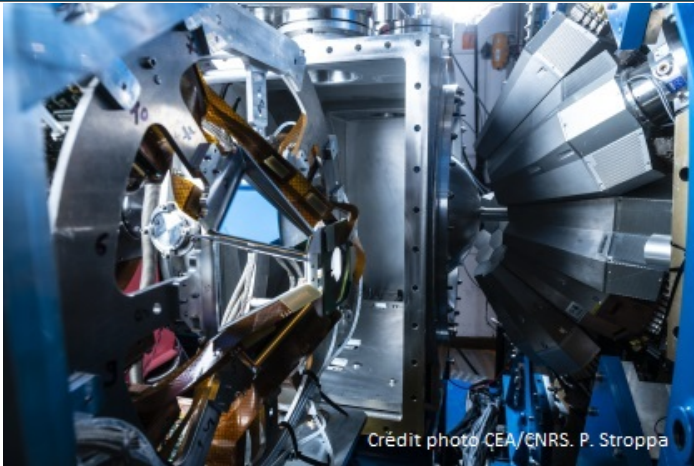


# Commissioning Team Report of AGATA

2019/2020



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT



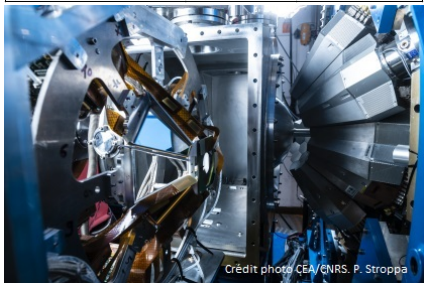
Crédit photo CEA/CNRS. P. Stroppa

# AGATA+MUGAST+VAMOS

*Successful commissioning April 2019*

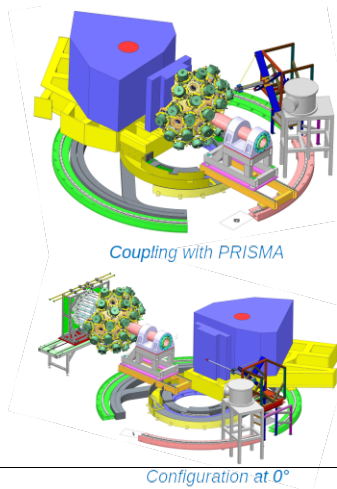
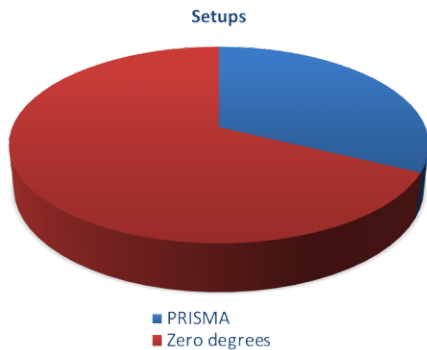
- ▶ Analysis finished of the MUGAST commissioning successful analysed
- ▶ No new commissioning Experiment performed due to the lack of new installations

	<b>16O(d,p)17O(1/2+) @6 MeV/u</b>	
Beam (pps)	1,00E+05	1,00E+07
Number of Uts	3	1
CD2 target (mg/cm <sup>2</sup> )	1	0,5
s.p. cross section (mb)	52	52
Spec. factor	0,9	0,9
Nreactions	30443	507378
Ndetected (p)	11085	184750
<b>Ndetected (p+g)</b>	<b>1109</b>	<b>18475</b>



# Transition from Ganil to LNL

## ► Sessions on 17.03





- ▶ Many different complementary devices possible:
  - ▶ PRISMA
  - ▶ GRIT
  - ▶ NEDA
  - ▶ EUCLIDES
  - ▶ SPIDER
  - ▶ RFD
  - ▶ e-Conversion Detector
  - ▶ Cryogenic target
  - ▶ FATIMA
  - ▶ PARIS
  - ▶ Hector++
  - ▶ etc...



- ▶ Many different complementary devices possible:
  - ▶ **PRISMA**
  - ▶ GRIT
  - ▶ NEDA
  - ▶ EUCLIDES
  - ▶ SPIDER
  - ▶ RFD
  - ▶ e-Conversion Detector
  - ▶ Cryogenic target
  - ▶ FATIMA
  - ▶ PARIS
  - ▶ Hector++
  - ▶ etc...
- ▶ Repeat an experiment performed with the Demonstrator?

# Conclusions

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- ▶ Form a new group
- ▶ Start a plan for an commissioning experiment soon