

# Solenoidal Spectrometer (ISS) Workshop 2020 Summary

20<sup>th</sup> & 21<sup>st</sup> July 2020 via Zoom



# Summary and outlook of proposals



## ■ Backwards hemisphere

- (d,p) (12)  
Silicon recoil (4), IC (3), singles (3), [gammas](#) (2).
- (t,p) (3)  
Silicon recoil (1), IC (0), singles (2)
- (α,p) (1)
- (<sup>3</sup>He,p) (1)

## ■ Forwards hemisphere – may all benefit from recoils/timing at some level.

- (d,d') (1)
- (d,t) (1)
- (d,<sup>3</sup>He) (1)
- (t,α) (3)
- (<sup>3</sup>He,d) (2) Solid target v gas target?

## ■ Future requirements

### ■ Tritium target.

- What's required?
- What can we use at CERN? T Kröll - IS470

### ■ Gas Target – see Daniel Doherty talk.

### ■ Gamma ray detection

- Nice to have if available
- Future proposals that may require this.
- Ge at the rear.
- CeBr at target position.

# Contact details



## ■ General ISS/ISOLDE/kinematics questions

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## ■ Simulations

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## ■ SpecMat/CeBr

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## ■ Tritium targets

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## ■ Gas Target

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## ■ Ge detectors in ISS

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# INTC meetings and procedure



- November INTC meeting: 3<sup>rd</sup> – 4<sup>th</sup> November 2020
  - CERN deadline: 22<sup>nd</sup> September 2020 (4 weeks before)
  - ISS deadline: 25<sup>th</sup> August 2020 (4 weeks before)
  
- February INTC meeting: 3<sup>rd</sup> – 4<sup>th</sup> February 2021
  - CERN deadline: 6<sup>th</sup> January 2021 (4 weeks before)
  - ISS deadline: 2<sup>nd</sup> December 2020 (5 weeks before, due to Christmas break)
  
- ISOLDE non-member states must have a co-spokesperson from a member
  
- ISS proposals shared with core collaboration for technical review

email to **[iss-proposals@cern.ch](mailto:iss-proposals@cern.ch)**