

Service Work Committee report

The SWC report on the 2017 and projected 2018 SoS's was submitted to the CCC in early March and presented to the spring CLAS meeting

The SWC usually « sleeps » during spring and summer

The interface is now **open** to start preparing your SoS's (**deadline 11/18/2018**)

New CLAS12 task list: SW tasks are listed, with

- Description of the work and skills required
- FTEs that the work will provide
- Contact person

PICK A TASK!! Many are still vacant...

The possibility of making it **mandatory** to perform one or more tasks from the list in order to satisfy the SW requirements of each institution was discussed in the CCC:

→ **between 30% and 50% of the required SW seems to be a good compromise**

<https://www.jlab.org/Hall-B/shifts/index.php?display=admin&task=clas12tasks>

Subsystem	Task	Description	Category	FTE/year	Contact(s)	Due date	Recurrence	Responsible
SOFTWARE		Update the COATJAVA clas12fastmc: 1) complete implementation of central detector and forward tagger, 2) implement realistic detector resolutions, 3) implement dead detector elements/inefficiencies Expertise required: Java	Software	0.200	Gagik Gavalian (Nathan Baltzell)	September 30, 2019	Over the coming 4 months	none
DETECT		FTOF: Calibrator for fall RG-A run Expertise required: None	Software	0.400	Daniel Carman	March 31, 2019	Between Aug. 2018 and March 2019	none
DETECT		CTOF: Calibrator for fall RG-A run Expertise required: None	Software	0.400	Daniel Carman	March 31, 2019	Between Aug. 2018 and March 2019	none
DETECT		CND Calibration for RG-A Expertise required: None	Software	0.200	Silvia Niccolai	February 28, 2019	Over the coming 9 months	YEREVAN (Natasha Dashyan) since May 23, 2018
DETECT		FTOF/CTOF hardware on-call Expertise required: None, commitment requested is 1 month for 4 people	Hardware	0.100	Daniel Carman	Dec 31, 2018	Between Aug. and Dec. 2018	none
SOFTWARE		Validation of new releases by running the simulation/reconstruction chain for specific final states, monitoring efficiency and resolution Expertise required: Coding	Software	0.300	Nathan Harrison	Nov 30, 2018	Over the coming 6 months	SCAROLINA (Nicholas Tyler) since May 22, 2018
SOFTWARE		Code debugging, coverage and spotbugs analysis Expertise required: Java	Software	0.300	Nathan Harrison	Nov 30, 2018	Over the coming 6 months	none
RECON		Validate pattern recognition using road maps Expertise required: Java	Software	0.200	Veronique Ziegler	Nov 30, 2018	Over the coming 6 months	none
CALIB		Systematic studies of Engineering run data Expertise required: Data analysis	Software	0.150	Daniel Carman	Nov 30, 2018	Over the coming 6 months	none
DETECT		FMT data analysis and calibration Expertise required: Data analysis	Software	0.250	Maxime Defurne	Nov 30, 2018	Over the coming 6 months	none
RECON		Develop energy loss package Expertise required: Java	Software	0.200	Veronique Ziegler	Nov 30, 2018	Over the coming 6 months	none
RECON		Develop multi-vertex package Expertise required: Java	Software	0.200	Veronique Ziegler	Nov 30, 2018	Over the coming 6 months	none
DETECT		RICH: analysis of the detector response to electrons for calibration purposes Expertise required: Java/Root or Groot	Software	0.200	Marco Contalbrigo	Nov 30, 2018	Over the coming 6 months	none