FLARECAST Science workshop Program

Tuesday June 27th		6/27/2017 1:00 PM

#	Activity Detail	Speaker	Start Time	Duration (minutes)	End Time
1	Group Departure from Montparnasse train station		01:00 PM	60 mins	02:00 PM
2	Welcome	Pariat & Vilmer	02:00 PM	10 mins	02:10 PM
3	FLARECAST Overview	Georgoulis/Bloomfield	02:10 PM	30 mins	02:40 PM
4	PizzaCast - a culinary, technical view of the FLARECAST infrastructure	Soldati	02:40 PM	40 mins	03:20 PM
5	Studies of flare prediction in PSTEP: Toward the physics-based prediction	Kusano	03:20 PM	40 mins	04:00 PM
6	Break - Coffee/Tea		04:00 PM	30 mins	04:30 PM
7	Research toward determining available flare energies: Trying to answer "how big will it be?	Leka	04:30 PM	30 mins	05:00 PM
8	Non-neutralized currents as predictors of flaring activity	Kontogiannis	05:00 PM	40 mins	05:40 PM
9	FLARECAST Public Engagement Strategies	Csillaghy	05:40 PM	20 mins	06:00 PM
10	New Trends in Public Engagement with Astronomy & Space Sciences	Russo	06:00 PM	20 mins	06:20 PM
11	CANCELLED: ESTERS: space weather at the Paris Observatory	Briand	06:20 PM	0 mins	06:20 PM
12	Break - End of day		06:20 PM		06:20 PM

Workshop dinner : "L'Empreinte" restaurant; 5 Rue Mouton-Duvernet, 75014 Paris	08:30 PM

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#	Activity Detail	Speaker	Start Time	Duration (minutes)	End Time
1	Group Departure from Montparnasse train station		08:20 AM	60 mins	09:20 AM
2	Photospheric Shear Flows in Solar Active Regions and Their Relation to Flare Occurrence	Park	09:20 AM	40 mins	10:00 AM
3	Solar flare statistics and prediction	Wheatland	10:00 AM	40 mins	10:40 AM
4	Feature selection for solar flare forecasting by using SDO/HMI data	Campi	10:40 AM	40 mins	11:20 AM
5	Break - Coffee/Tea		11:20 AM	30 mins	11:50 AM
6	The EUHFORIA project	Poedts	11:50 AM	40 mins	12:30 PM
7	Forecasting solar flares using magnetogram-based predictors and machine learning	Florios	12:30 PM	40 mins	01:10 PM
8	Break - Lunch		01:10 PM	60 mins	02:10 PM
9	The PROGRESS project	Balikhin	02:10 PM	40 mins	02:50 PM
10	Radial vs line-of-sight field in calculating active region magnetic properties	Guerra	02:50 PM	40 mins	03:30 PM
11	A Comparison of Classifiers for Solar Energetic Events	Barnes	03:30 PM	30 mins	04:00 PM
12	Break - Coffee Tea		04:00 PM	30 mins	04:30 PM
13	The HELCATS project	Rouillard	04:30 PM	40 mins	05:10 PM
14	How to calculate solar flare precursors using time series of the Differential Emission Measure averaged over flaring active regions	Gontikakis	05:10 PM	40 mins	05:50 PM
15	Evaluating & Improving Forecasts: Upcoming Activities.	Leka	05:50 PM	40 mins	06:30 PM
16	Break - End of Day		06:30 PM		06:30 PM
17	Small Cocktail		06:30 PM	60 mins	07:30 PM

FLARECAST Science workshop Program

	Thursday June 29th				6/29/2017 8:20 AM

#	Activity Detail	Speaker	Start Time	Duration (minutes)	End Time
1	Group Departure from Montparnasse train station		08:20 AM	60 mins	09:20 AM
2	Toward a future integrated forecasting system: linking solar-flare to CME and SEF	Georgoulis	09:20 AM	40 mins	10:00 AM
3	Investigating the 2D photospheric signatures of eruptivity	Guennou	10:00 AM	40 mins	10:40 AM
4	Analysing large solar observations data sets using MEDOC services	Buchlin	10:40 AM	40 mins	11:20 AM
5	Break - Coffee/Tea		11:20 AM	30 mins	11:50 AM
6	Short-term predictions of CMEs and SEPs at 1 AU: radio observations and some results of the HESPERIA and ORME projects	Klein	11:50 AM	40 mins	12:30 PM
7	Unsupervised machine learning methods for flare prediction	Massone	12:30 PM	40 mins	01:10 PM
8	Break - Lunch		01:10 PM	60 mins	02:10 PM
9	On the evolution of pre-flare patterns in 3D real and simulated ARs	Korsós	02:10 PM	40 mins	02:50 PM
10	Regression methods for flare prediction	Benvenuto	02:50 PM	30 mins	03:20 PM
11	Relative magnetic helicity as a diagnostic of solar eruptivity	Pariat	03:20 PM	40 mins	04:00 PM
12	Conclusion	Pariat & Vilmer	04:00 PM	10 mins	04:10 PM
13	Break - Coffee/Tea - End of Day		04:10 PM	30 mins	04:40 PM
14	Visit of the Meudon Observatory	Guennou & Pariat	04:40 PM	90 mins	06:10 PM