



# Rubin-LSST France, Novembre 2021

## lundi 22 novembre 2021

### Science: Review talks - Amphi Charpak (17:15 - 17:55)

time	[id] title	presenter
17:15	[79] Retour expérience HSC (title TBC)	ASTIER, Pierre

**mardi 23 novembre 2021****Science: Calibration - Amphi Charpak (09:00 - 10:30)**

time	[id] title	presenter
09:00	[52] ZTFII	RACINE, Benjamin ROBERT, Estelle REGNAULT, Nicolas GRIS, Philippe ROSNET, Philippe
09:50	[76] Hardware Calibration CCoB	BREGEON, Johan
10:10	[75] Hardware Calibration CBP	NEVEU, Jérémy

**Science: Calibration (Auxtel, CCOB, calib HSC/ZTF) - Amphi Charpak (11:00 - 12:30)**

time	[id] title	presenter
11:00	[74] Hardware Calibration StardDICE	LE GUILLOU, Laurent BONGARD, Sébastien
11:20	[77] Plan focal LSST	JURAMY, Claire ANTILOGUS, Pierre ASTIER, Pierre
12:10	[78] AuxTel first spectra	DAGORET-CAMPAGNE, Sylvie

**Science: Photoz - Amphi Charpak (14:30 - 14:50)**

time	[id] title	presenter
14:30	[63] Photometric Redshift Estimation with Convolutional Neural Networks and Galaxy Images: A Case Study of Resolving Biases in Data-Driven Methods	LIN, Qiufan

**Science: Transients -- Part 1 - Amphi Charpak (14:50 - 16:20)**

time	[id] title	presenter
14:50	[61] Probing the early phase of the brightest LSST transients : a possible dynamic survey preceding the LSST visits and performed from the Indian Ocean	LE FLOC'H, EMERIC
15:10	[56] Electromagnetic counterparts of binary neutron star mergers with the Vera Rubin-LSST	Prof. DAIGNE, Frédéric
15:30	[70] Fink	ISHIDA, Emille
16:00	[72] Joint studies of the Gamma-ray Bursts phenomena with the SVOM mission and the Vera Rubin Observatory	TURPIN, Damien

**Science: Transients -- Part 2 - Amphi Charpak (16:50 - 18:00)**

time	[id] title	presenter
16:50	[54] Looking for orphan gamma-ray bursts in the Rubin LSST data with the FINK broker	Dr BREGEON, Johan

17:10	[71] Solar System science with Rubin	CARRY, Benoit
17:30	[50] Discussion	

# mercredi 24 novembre 2021

## Science: Clusters - Salles des séminaires (09:00 - 10:20)

time	[id] title	presenter
09:00	[59] Impact of photometric redshifts on cluster detection in the DC2 simulation	Dr AGUENA, Michel
09:20	[66] Galaxy cluster masses with magnification and the effects of intra-cluster dust.	MURRAY, Calum
09:40	[68] Likelihoods for Cluster Count Cosmology	PAYERNE, Constantin
10:00	[51] The small-scale dark matter content in galaxies and clusters of galaxies from weak and strong lensing	GAVAZZI, Raphael

## Science: deblending, PSF, weak lensing - Salles des séminaires (10:50 - 12:30)

time	[id] title	presenter
10:50	[69] Deblending review	ROUCELLE, Cécile
11:20	[55] Bright stars in the Rubin Science Pipelines and other PSF-related fun	SCHMITZ, Morgan
11:40	[62] Forecasting the power of Higher Order Weak Lensing Statistics with automatically differentiable simulations	Mme LANZIERI, Denise
12:00	[58] Cosmological analysis of Dark Energy Survey Year 3 weak lensing and clustering data: lesson learnt and challenges	FERTÉ, Agnès

## Science: SNIa - Salles des séminaires (14:00 - 15:50)

time	[id] title	presenter
14:00	[64] LSST Deep Drilling Program and Type Ia Supernovae	GRIS, Philippe
14:25	[60] Redshift evolution of the underlying type Ia supernova stretch distribution	NICOLAS, Nora
14:45	[57] Understanding the nature of SNIa with ZTF	SMITH, Mathew
15:10	[65] Probing local anisotropies with Type Ia Supernovae data	AMENOUICHE, Melissa
15:30	[81] A new fast SALT2-like SNIa modeling framework	AUGARDE, Guy