

Sixteenth Marcel Grossmann Meeting

Thursday, 8 July 2021

Teaching Einsteinian Physics to School Students: Block 1 (16:30 - 19:30)

-Conveners: Matteo Luca Ruggiero; David Blair

time	[id] title	presenter
16:30	[126] Teaching relativity: Dynamics first	HERRMANN, Friedrich
16:55	[136] Teaching relativity: computer aided modeling	POHLIG, Michael
17:20	[653] General Relativity in the Theater of the Absurd	HANAUSKE, Matthias
17:45	[864] Virtual sector models: Exploring the curved spacetime near a neutron star	WEISSENBORN, Sven
18:10	[918] Interactive Visualization of Relativistic Phenomena	PREISS, Stephan
18:35	[845] Newtonian force or non-inertial motion	Ms VERA-GARFIAS, Gabriela Isabel
19:00	[200] Relativistic Astrophysics and Einsteinian physics through a scientific novel	HAFIZI, Mimoza

Friday, 9 July 2021

Teaching Einsteinian Physics to School Students: Block 2 (06:30 - 09:30)

-Conveners: David Blair; Matteo Luca Ruggiero

time	[id] title	presenter
06:30	[688] Einstein-First Science Education: Obsolete Science Curriculum Fuels Anti-science and World Instability	BLAIR, David
07:15	[949] Teaching the equivalence principle in year 7	BOUBLIL, Shachar Shon BLAIR, David
07:40	[886] A mathematical program for teaching early high school students about Black holes.	POPKOVA, Anastasia
08:05	Einstein First India: proposed collaboration between Einstein-First and LIGO India	
08:30	[267] Teaching Relativity at the AstroCamp	MARTINS, Carlos
08:55	[176] The Clementine Gnomon (1702) recalibrated to measure stellar aberration	SIGISMONDI, Costantino
09:00	[177] Solar astrometry at arcsecond level with a pencil, a meter and a watch at the Clementine Gnomon (1702)	SIGISMONDI, Costantino
09:05	[178] A soccer school field sundial with 20 arcseconds accuracy to study the ecliptic	SIGISMONDI, Costantino
09:10	[829] The three royal summer solstice markers unveiled at Santa Maria degli Angeli meridian line in Rome	SIGISMONDI, Costantino
09:15	[422] Sungrazing comets as General Relativistic gravitational probes	SIGISMONDI, Costantino