



**Contributi alla 48^{esima}
Cigre Session 23-28 Agosto 2020, Parigi**

Dicembre 2019

Articoli Cigre 2020: modalità e scadenze

Receipt of synopses at Central Office	Notification of acceptance	Receipt of full Papers at Central Office
*5th July 2019	15th October 2019	14th February 2020
*Please contact your National Committee to know by which date they need to receive your synopsis for a prior screening.		

Documents	Type
2020 Full papers sample pages	WORD
2020 Full papers sample pages	PDF
Instructions for papers at Session 2020	PDF



Invio alla segreteria tecnica Cigre (claudia.imposimato@rse-web.it) entro il 31 gennaio 2020

Articoli Cigre 2020 accettati

Allotment	Group	PS	Origin	Title	Authors	Email	Comments from SC
IA	A1	PS3	ITALY	Technical challenges and solutions for the new Terna's standardized synchronous condensers/flywheel systems	M. REBOLINI	rebolinimassimo@gmail.com	Perhaps to be submitted as PS1
NCA	A2	PS3	ITALY	Large Power Autotransformers filled with natural ester – Working parameters from the field and Maintenance notes	L. LOMBINI	l.lombini@tamini.it	
IA	A3	PS2	ITALY	A campaign for the ageing evaluation of station hollow core composite insulators after a number of years of service	M. MARZINOTTO	massimo.marzionotto@terna.it	
NCA	B1	PS3	ITALY	Implementation of an integrated monitoring system for real-time assessment of HV cable links in the Terna's Italian electrical grid	L. GUIZZO	luca.guizzo@terna.it	
IA	B2	PS2	ITALY	Field experience and laboratory results on the application of RTV coating on HVDC lines	M. MARZINOTTO	massimo.marzinotto@terna.it	
NCA	B3	PS1	ITALY	Arc flash hazard in high voltage substations: incident energy calculation and statistical risk evaluation	A. VALANT	andrea.valant@terna.it	A very topical issue with the growth in smaller substations around the embedded and renewable generation scene. Can the authors please try to provide practical guidance around how these findings can be introduced quickly



							into substation design and operation, especially for existing facilities where physical alteration is more difficult.
NCA	B4	PS1	ITALY	Dynamic stability issues of VSC-HVDC systems in AC Transmission Emulation Control: the Piosasco - Grande Ile case	C. PISANI	cosimo.pisani@terna.it	A few typos that change the context. For example there is a double negative in the last sentence of the first paragraph which makes the sentence incorrect. The statement in the first sentence of the third paragraph regarding this being the "only project of its type". What about INELFE? roughly the same configuration and also uses AC emulation.
AA	B5	PS2	ITALY	Data segregation and traffic anomaly detection within the transmission substations and the whole power system	E. CASALE	emiliano.casale@terna.it	
IA	B5	PS1	ITALY	The central role of human resources in PACS Asset Management	M. PETRINI	massimo.petrini@terna.it	
NCA	C1	PS1	ITALY	A methodology to compute resilience indicators for the Italian Transmission System	E. CIAPESSONI	emanuele.ciapessoni@rse-web.it	

Articoli Cigre 2020 accettati

AA	C1	PS2	ITALY	Advances in probabilistic analyses addressing enhanced electrification of end-uses and the progressive decarbonisation of the generation fleet	C. VERGINE	chiara.vergine@terna.it	
AA	C2	PS3	ITALY	"Puglia Active Network" Project: flexibility from Regional Smart Grid	C. BALDI	chiara.baldi@e-distribuzione.com	Dear author, Thank you for submitting your abstract to the 2020 CIGRE Session. It is our pleasure to inform that your abstract has been accepted. Kindly proceed with the preparation of the final paper. Kind regards, SC C2 & C6
AA	C2	PS2	ITALY	The role of load and distributed generation in bottom-up power system restoration	C. PISANI	cosimo.pisani@terna.it	Dear authors, Thank you for submitting your paper to the 2020 CIGRE Session. It is our pleasure to inform you that your abstract has been accepted in Study Committee C2. Kindly proceed to draft your final paper. Good luck!
AA	C2	PS3	ITALY	Advance Dispatching and real time electric load forecasting featuring data mining techniques	C. MARTARELLI	cristiano.martarelli@terna.it	Dear author, Thank you for submitting your abstract to the 2020 CIGRE Session. It is our pleasure to inform that your abstract has been accepted. Kindly proceed with the preparation of the final paper. Kind regards, SC C2 & C6
IA	C2	PS1	ITALY	Inter-area oscillations in Continental Europe: events analysis and countermeasures	C. PISANI	cosimo.pisani@terna.it	Dear author, Thank you for submitting your abstract to the 2020 CIGRE Session. It is our pleasure to inform that your abstract has been accepted. Good luck with the preparation of the final paper. Kind regards, SC C2



Articoli Cigre 2020 accettati

NCA	C3	PS1	ITALY	Terna Envision path for sustainable electrical infrastructure	F. GIARDINA	francesca.giardina@terna.it	The synopsis describes the implementation of the new tool called Envision protocol. It further mentions that "Decarbonisation is now a shared global goal, moreover in line with the UN's 17 Sustainable Development Goals". From my point of view, it is missing how the described tool contributes to the achievement of the U.N. Sustainable Development Goals. I request that the paper will clearly show the bridge between tool and SDG contributions, if possible on the level of SDG targets, as a major section and further explains what the business rational behind is, as stated in the preferential subject.
AA	C3	PS3	ITALY	Avian Action Plan, a comprehensive strategy for bird protection	L. MOIANA	luca.moiana@terna.it	



Articoli Cigre 2020 accettati

IA	C4	PS3	ITALY	Frequency and time domain field tests and cable model validation for the Italy – Montenegro 500 kV HVDC submarine cable link	F. PALONE	francesco.palone@terna.it	Validating models is very important and the authors are congratulated on this effort. Any thoughts on whether other cable types may have additional challenges (mass-impregnated vs XLPE), ac vs dc cables, etc. XLPE HVDC cables are becoming more common. Are the conclusions from this paper still valid? In a related question, steel armour wires are known to introduce modelling errors even at power frequency for HVAC cables. What are the authors expectations regarding their impact for transients in HVDC cables?
NCA	C5	PS3	ITALY	Ancillary Services Market reform according to the new European Electricity Directive: open points for the design of the future TSO-DSO coordination and the DSO's procurement of flexibility services	D. PUGLIESE	donatella.pugliese@enel.com	
AA	C5	PS3	ITALY	Market design models for power systems with high RES shares	M. DALENA	michelecosimo.dalena@terna.it	
IA	C6	PS2	ITALY	ENEL experience in rural electrification in South America area	E. VALIGI	enrico.valigi@enel.com	



Articoli Cigre 2020 accettati

NCA	C6	PS1	ITALY	Distributed Resources Providing Ancillary Services: operating DSO owned storage without market interferences	M. ROSSI	marco.rossi@rse-web.it	
NCA	D1	PS2	ITALY	LCA and Smoke Test of Dielectric Fluids based on Natural Esters	F. SCATIGGIO	fabio.scatiggio@terna.it	
AA	D1	PS1	ITALY	Challenges for space charge measurements with the PEA technique in the thick insulation of HVDC Cables	M. ALBERTINI	marco.albertini@prysmiangroup.com	The summary describes the problem but fails to present any data or details of the new proposed PEA configuration. Please ensure the final paper has more detail.
AA	D2	PS2	ITALY	CYber Resilience framework for ENERgy systems	G. DONDOSSOLA	Giovanna.Dondossola@rse-web.it	
NCA	D2	PS1	ITALY	Failure reduction and predictive replacement approach for overhead lines using big data and advanced analytics	A. FRAIOLI	andrea.fraioli@terna.it	

