

## *Jicable'15 – Young Researcher Contest – ID number of candidates*

Full Name	ID Number	Abstract Title
FUJITOMI Toshiyuki	1	<i>The investigation of conduction current and dissipation power distributions in XLPE under HVDC at high temperature environment</i>
HASCOAT Aurélien	2	<i>Study of XLPE dielectric properties for HVDC cables during combined thermal and electrical ageing</i>
FUCHS Karsten	3	<i>Influence factors of field inversion in HVDC cables</i>
VEERASHEKAR Kishan	4	<i>Analysis of technical planning principles for partial underground cabling in meshed extra-high voltage Grids</i>
ZHOU Yao	5	<i>Eco-friendly nanodielectrics with enhanced thermal and electrical properties for HVDC cable insulation</i>
GUO David	6	<i>Effect of state of stress on space charge accumulation in silicon rubber insulation of HVDC cables</i>
FISCHER Erik	7	<i>Spatially-resolved measurement and diagnostic method for power cables using interference characteristics of travelling waves</i>
HEDLUND Johan	8	<i>Modeling of viscoelastic dynamic bending stiffness for VIV analysis of submarine cables</i>
CORNISH Darryn R.	9	<i>Effect of lightning impulses on a partially grown electrical tree</i>
VALERO Alvaro	10	<i>Guide to EHV/HV cable sheath bonding application software</i>
LOUME Dieynaba	11	<i>DC cable modeling and High Voltage Direct Current grid grounding system.</i>
HOU Shuai	12	<i>Development and engineering application of 160 kV XLPE to three-terminal VSC HVDC project in China</i>
LIU Ning	13	<i>Investigation of charge injection threshold field on LDPE and XLPE materials</i>
LIU Ning	14	<i>Relationship between breakdown strengths and trapping parameters of serviced XLPE cables</i>
ZHANG Yunxiao	15	<i>Effects of voltage magnitude on growth characteristics of electrical trees in silicone rubber</i>
TUNA Enis	16	<i>Optimization of High Voltage electrodes and HV cable accessories design by using MATLAB and FEMM</i>
HÖGÅS Marcus	17	<i>Influence on measured conductor AC resistance of High Voltage cables when the shield is used as return conductor</i>
FRECHEN Henning	18	<i>Measurement of the conductor temperature in power cable production</i>
BALZER Constantin	19	<i>Improvement of ampacity ratings of Medium Voltage cables in protection pipes by comprehensive consideration and selective improvement of the heat transfer mechanisms within the pipe</i>
KUCHARCZYK Krzysztof	20	<i>Characterization of Transparent Fluorescent Silicones for Optical Monitoring of High-Voltage Cable Accessories</i>
HUANG Ru	21	<i>Predicted rating system for directly buried cables</i>
DANG Bin	22	<i>Space charge behaviors of PP/EPDM/ZnO nanocomposites for recyclable HVDC cable</i>
STURM Sebastian	23	<i>Estimating the losses in three core submarine power cables using 2D and 3D FEA simulations</i>
CHATZIPANAGIOTOU Panagiotis	24	<i>Thermal impedance of insulated overhead power cables heated by joule losses and solar radiation</i>