

2016 NFPA Research Fund Review - Electrical

Reviewer:

Please fill in a rating of 1 to 5 (where 5 is the highest)

ID #	Title	Submitter	NFPA document(s)	Staff Liaison	Technical Relevance ¹	Problem Magnitude ²	Sense of Urgency ³	Likelihood of Success ⁴	Relates to Strategic Agenda ⁵	Notes
1601	Numerical Simulation and Computerized Electrical Models of the Person Immersed in Water	Massimo Mitolo, Fabio Feschi	303	Larry Russell	3	3	3	3	3	
1602	An Analytical validation of Impedances of Low-Voltage Cables Provided by Table 9 of NFPA 70 (National Electrical Code)	Massimo Mitolo, Peman Montazemi	70	Mark Early	4	3	2	4	5	
1603	GFCI Limitations 1	Donald Cook	70	Mark Early	5	5	5	3	5	
1604	Ground fault protection Limitations	Donald Cook	70	Mark Early	5	5	5	3	5	
1609	Marina Risk Reduction	Donald Cook	70, 302, 303	Mark Early, Larry Russel						
1623	Interoperability	Donald Cook	70	Mark Early	4	3	5	3	4	

Footnotes:

- 1) Value-added from a technical and scientific standpoint
- 2) Problem magnitude as compared to overall mission (of NFPA, the respective document, etc)
- 3) Criticality of timing issues
- 4) Feasibility
- 5) Relates to one of the Foundation's 2014-2019 strategic priorities (circulated)