

**Air-core sensors operation modes for partial discharge detection and on-line diagnostics in medium voltage networks**  
**Kütt, Lauri**; Shafiq, Muhammad; **Mölder, Heigo**; **Järvik, Jaan**; Lehtonen, Matti Scientific Journal of Riga Technical University.  
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**Comparison of operating modes of air-core inductive sensors for partial discharge on-line diagnostics in medium voltage networks**

**Kütt, Lauri**; Shafiq, Muhammad; Lehtonen, Matti; **Mölder, Heigo**; **Järvik, Jaan** Digest book and electronic proceedings : 54th  
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**Investigating the progression of insulation degradation in power cable based on partial discharge measurements**

Hassan, Waqar; **Shafiq, Muhammad**; Hussain, Ghulam Amjad; **Choudhary, Maninder**; **Palu, Ivo** Electric power systems research  
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**Investigation of partial discharge characteristics in XLPE cable insulation under increasing electrical stress**

**Choudhary, Maninder**; Shafiq, Muhammad; **Kiitam, Ivar**; **Palu, Ivo**; Hassan, Waqar; **Singh, Praveen Prakash** Engineering failure  
analysis 2024 / art. 108006 <https://doi.org/10.1016/j.engfailanal.2024.108006>