



Original method for analyzing multipaths networks by OTDR measurement

J. Laferriere ; M. Saget ; A. Champavere

Proceedings of Optical Fiber Communication Conference (Year: 1997 | Conference Paper Cited by: Papers (8) | Patents (4))

Characterization techniques for installed fibers

Vincent Lecoeuche ; André Champavère

OFC/NFOEC Year: 2012 | Conference Paper

Field trial of a novel non-intrusive method for in-service PMD measurements in fiber-optic networks

Tiejun J. Xia ; Glenn A. Wellbrock ; Daniel L. Peterson ; Fred Heismann ; Vincent Lecœuche ; Fabien Sauron ; André Champavère

OFC/NFOEC Year: 2012 | Conference Paper

The effect of reflected and backscattered live traffic on CWDM OTDR measurements

P.P. Iannone ; K.C. Reichmann ; N.J. Frigo ; J. Laferriere ; A. Champavere

IEEE Photonics Technology Letters Year: 2004 | Volume: 16, Issue: 7 | Journal Article

Cited by: Papers (4) | Patents (3)

Non-intrusive in-service PMD measurements: A novel approach based on coherent detection

V. Lecoeuche ; F. Sauron ; P. Roa ; A. Cebollada ; B. Cuenot ; A. Champavère ; O. Masselin ; F. Heismann

2011 37th European Conference and Exhibition on Optical Communication Year: 2011 | Conference Paper Cited by: Patents (1)

PON test systems - From theory to field deployments

Jean Ponchon ; André Champavère

2011 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference Year: 2011 | Conference Paper Cited by: Patents (4)

New OTDR measurement and monitoring techniques

André Champavère OFC 2014 Year: 2014 | Conference Invited Paper

Performances of Radiation-Hardened Single-Ended Raman Distributed Temperature Sensors Using Commercially Available Fibers

A. Morana ; S. Girard ; E. Marin ; J. Vidalot ; A. Cebollada ; G. Mélin ; A. Champavère ; T. Robin ; A. Alessi ; A. Boukenter ; Y. Ouerdane

IEEE Transactions on Nuclear Science Year: 2020 | Volume: 67, Issue: 1 | Journal Article

Radiation Hardened Architecture of a Single-Ended Raman-Based Distributed Temperature Sensor

D. Di Francesca ; S. Girard ; I. Planes ; A. Cebollada ; G. Li Vecchi ; A. Alessi ; I. Reghioua ; C. Cangialosi ; A. Ladaci ; S. Rizzolo ; V. Lecoeuche ; A. Boukenter ; A. Champavère ; Y. Ouerdane

IEEE Transactions on Nuclear Science Year: 2017 | Volume: 64, Issue: 1 | Journal Article

Cited by: Papers (7)

Distributed Optical Fiber Sensor Allowing Temperature and Strain Discrimination in Radiation Environments

C. Sabatier ; V. Lecoeuche ; S. Girard ; G. Mélin ; T. Robin ; B. Cadier ; L. Mescia ; A. Morana ; Y. Ouerdane ; A. Boukenter ; A. Champavère ; E. Marin

IEEE Transactions on Nuclear Science Year: 2019 | Volume: 66, Issue: 7 | Journal Article

Cited by: Papers (1)