

CTRQ 2018

The Eleventh International Conference on Communication Theory, Reliability, and Quality of Service

April 22 - 26, 2018

Athens, Greece

CTRQ 2018 Editors

Ilias Iliadis, IBM Zurich Research Laboratory, Switzerland Kiran Makhijani, Huawei Technologies, USA

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (423:) by International Academy, Research, and Industry Association (IARIA) Please refer to the Copyright Information page.

Printed by Curran Associates, Inc. (423:)

International Academy, Research, and Industry Association (IARIA) 412 Derby Way Wilmington, DE 19810

Phone: (408) 893-6407 Fax: (408) 527-6351

petre@iaria.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA

Phone: 845-758-0400 Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

Table of Contents

Reliability of Erasure Coded Systems under Rebuild Bandwidth Constraints <i>Ilias Iliadis</i>	1
Reliability Measure for a System Operating under Random Environment Ji Hwan Cha and Hyunju Lee	11
A Survey of Internet Protocol and Architectures in the Context of Emerging Technologies Kiran Makhijani, Richard Li, Alex Clemm, Uma Chunduri, Lin Han, and Yingzhen Qu	14