

**IEEE 802 LMSC  
OFFICIAL TUTORIAL REQUEST FORM**

**TUTORIAL SPONSOR (WG Chair):** Glenn Parsons, IEEE 802.1 WG Chair

**DATE SUBMITTED:** <<TBD>>

**Requester Name:** Johannes Specht

**Requestor Email:** johannes.specht.standards@gmail.com

**1. TITLE OF TUTORIAL:**

Cut-Through Forwarding (CTF) among Ethernet networks

**2. NAME OF PRESENTERS, THEIR AFFILIATIONS AND CONTACT INFO:**

Presenter(s) Name:	Affiliation:	Email Address:
Johannes Specht	Analog Devices, Inc.; Mitsubishi Electric Corporation; Phoenix Contact GmbH & Co. KG; PROFIBUS Nutzerorganisation e.V.; Siemens AG; Texas Instruments, Inc.	<a href="mailto:johannes.specht.standards@gmail.com">johannes.specht.standards@gmail.com</a>
Jordon Woods	Analog Devices Inc.	<a href="mailto:jordon.woods@analog.com">jordon.woods@analog.com</a>
Paul Congdon	Huawei Technologies Co., Ltd	<a href="mailto:paul.congdon@tallac.com">paul.congdon@tallac.com</a>
Henning Kaltheuner	d&b audiotechnik GmbH & Co. KG	<a href="mailto:henning.kaltheuner@dbaudo.com">henning.kaltheuner@dbaudo.com</a>

**3. ABSTRACT: (a brief paragraph describing content of the presentation)**

Cut-Through Forwarding (CTF) is a known method to improve the delay performance in bridged Ethernet networks and finds application in areas that require this performance.

In contrast to the store-and-forward operation, CTF allows frame transmission in bridges before reception is completed. Although not standardized in IEEE 802, CTF is already implemented in commercial products. It is therefore technically feasible, and standardizing CTF in IEEE 802.1 and IEEE 802.3 would enable interoperable implementations.

This tutorial introduces CTF on a technical level, explains application areas, markets and use-cases for CTF, and addresses aspects of standardizing CTF in IEEE 802.1 and IEEE 802.3.

**4. ALLOCATED DAYS AND TIMES: (Please indicate your 1<sup>st</sup> and 2<sup>nd</sup> choices below. All tutorials are scheduled on a first come first basis).**

Session	Day	Time	Preference Ranking	Notes
Tutorial #1	July 6: Tuesday	10:00-11:20 AM ET	2 <sup>nd</sup>	
Tutorial #2	July 7: Wednesday	10:00-11:20 AM ET	1 <sup>st</sup>	
Other*	July 8: Thursday	10:00-11:20 AM ET	3 <sup>rd</sup>	Must be approved by 802 EC This 3 <sup>rd</sup> option is suggested in only in case the 1 <sup>st</sup> and 2 <sup>nd</sup> preference are no longer available. The 3 <sup>rd</sup> option would likely allow Nendica

				participants involved in the tutorial development to attend the tutorial in case this 3 <sup>rd</sup> option is required.
--	--	--	--	---

**5. DEADLINE DATE: May 21, 2020**

All official tutorial request forms must be submitted no later than **45 days** in advance of the Plenary Session.

**6. CONFIRMATION OF SUBMISSION:**

All official requests must be sent to Paul Nikolich at [p.nikolich@ieee.org](mailto:p.nikolich@ieee.org) and Jon Rosdahl [jrosdahl@ieee.org](mailto:jrosdahl@ieee.org). A confirmation of your request will be sent by May 28, 2021.

Please also copy the following persons John D'Ambrosia at [jdambrosia@ieee.org](mailto:jdambrosia@ieee.org), Dawn Slykhouse at [dawns@facetoface-events.com](mailto:dawns@facetoface-events.com) and Lisa Ronmark at [lisa@facetoface-events.com](mailto:lisa@facetoface-events.com).

**7. APPROVAL OR REJECTION OF TUTORIAL REQUEST:**

IEEE 802 Executive Secretary Jon Rosdahl ([jrosdahl@ieee.org](mailto:jrosdahl@ieee.org)) will correspond to confirm if your request has been approved or rejected.

**8. SCHEDULE:**

Approved Tutorial Requests will be assigned a time slot based on the order in which they were received. The Final Tutorial Schedule will be posted at <http://802world.org/plenary> and <http://ieee802.org> no less than **15 days** in advance of the Plenary Session. **The Final PDF shall be filed 7 days in advance with John D'Ambrosia** at [jdambrosia@ieee.org](mailto:jdambrosia@ieee.org), who will then post to the IEEE 802 Web page **5 days** before the tutorial.

DRAFT