DCN 1-21-0025-03-ICne

IEEE 802 LMSC
OFFICIAL TUTORIAL REQUEST FORM

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

DATE SUBMITTED: 2021-05-21

Requester Name: Johannes Specht

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

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1. **TITLE OF TUTORIAL:**
   Cut-Through Forwarding (CTF) among Ethernet networks

2. **NAME OF PRESENTERS, THEIR AFFLIATIONS 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.	johannes.specht.standards@gmail.com
Jordon Woods	Analog Devices Inc.	jordon.woods@analog.com
Paul Congdon	Huawei Technologies Co., Ltd	paul.congdon@tallac.com
Henning Kaltheuner	d&b audiotechnik GmbH & Co. KG	henning.kaltheuner@dbaudio.com

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.

   This tutorial has been developed within the IEEE 802 Nendica CTF Study Item.

4. **ALLOCATED DAYS AND TIMES: (Please indicate your 1st and 2nd 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	2nd	
Tutorial #2	July 7: Wednesday	10:00-11:20 AM ET	1st	
Other*	July 8: Thursday	10:00-11:20 AM ET	3rd	***Must be approved by 802 EC*** This 3rd option is suggested only in case the 1st and 2nd

				preferences are no longer available.

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 and Jon Rosdahl 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, Dawn Slykhouse at dawns@facetoface-events.com and Lisa Ronmark at lisa@facetoface-events.com.

7. APPROVAL OR REJECTION OF TUTORIAL REQUEST:

IEEE 802 Executive Secretary Jon Rosdahl (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, who will then post to the IEEE 802 Web page **5 days** before the tutorial.