

ΑΡΧΙΤΕΚΤΟΝΙΚΕΣ ΤΕΧΝΟΛΟΓΙΕΣ ΚΑΙ ΠΡΩΤΟΚΟΛΛΑ ΓΙΑ ΟΠΤΙΚΑ ΔΙΚΤΥΑ ΚΑΙ ΚΕΝΤΡΑ ΔΕΔΟΜΕΝΩΝ

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Για κάποια από τις παρακάτω περιοχές, διαλέξετε 2-3 δημοσιεύσεις στην περιοχή και γράψτε μια σχετικά λεπτομερή (15 σελίδες) περίληψη και κριτική. Η εκλογή των δημοσιεύσεων που θα αναλυθούν επαφίεται σε εσάς, αλλά πριν αρχίσετε στείλτε μου μήνυμα ώστε να εγκριθεί το θέμα σας. Η λίστα που ακολουθεί δεν είναι αποκλειστική και μπορείτε να διαλέξετε και άλλες εργασίες που θα βρείτε και που σας ενδιαφέρουν περισσότερο (πχ, διαλέγοντας 1-2 σχετικά papers από την λίστα και στην συνέχεια διαλέγοντας κάποια αλλά papers από τα references ή από αλλού). Μια εργασία πρέπει να περιλαμβάνει μια σύντομη περιγραφή των κύριων σημείων και συμπερασμάτων των papers, μια περιγραφή του μοντέλου και των παραδοχών που χρησιμοποιήθηκαν στην ανάλυση, συζήτηση για το πώς τα συμπεράσματα θα μπορούσαν να αλλάξουν κάτω από άλλες συνθήκες και παραδοχές, ιδέες για το πως τα προτεινόμενα στις εργασίες θα μπορούσαν να συμπληρωθούν ή να επεκταθούν, ή ότι άλλο νομίζετε πως έχει ενδιαφέρον. Μια καλή εργασία ΔΕΝ είναι απλή μετάφραση κάποιων σημείων. Περιμένουμε ότι θα υπάρχει στην εργασία και κάποιο δικό σας «πνευματικό περιεχόμενο». Γενικά μην φοβάστε να κάνετε λάθη στην κριτική σας ή στις προτάσεις σας, αρκεί να έχετε αφιερώσει κάποιο χρόνο για να σκεφτείτε αυτά που γράφετε.

Θεματικές Κατηγορίες

- NETWORKING IN THE DATA CENTERS AND THE CLOUD
- PASSIVE OPTICAL NETWORKS (PONs)
- ELASTIC OPTICAL NETWORKING
- OPTICAL PACKETS SWITCHING
- OPTICAL INTERCONNECTS ARCHITECTURES
- TRAFFIC PROFILES FOR HPC AND DATA CENTERS
- MULTI-COST AND MULTI-CONSTRAINT ROUTING
- OPTICAL BURST SWITCHING
- ROUTING AND WAVELENGTH ASSIGNMENT (RWA)
- GRID SCHEDULING
- SOFTWARE DEFINED NETWORKS
- PCE, ABNO and multilayer optical networks
- 5G NETWORKS AND OPTICAL NETWORKING

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