

IT Tools for Education Overview of Technologies MS-Teams – Classroom, Zoom - Conferences

Prof. Dr. Andrej Škraba

Overview of Content

• MS Teams will be presented for the application in the Classroom

- How to create a Class
- Integration aspects
- Linking to moodle
- Sharing the content
- Using tablet
- Hybrid Approach
- Organizing scientific conference with Zoom 200+ participants
 - Technical, organizational and ecology aspects

Microsoft MS Teams

- Microsoft Teams is a collaboration app
- Organizing teams, allowing conversations
- All in one place
- App or in browser
 - App variant works better
 - Windows native app
 - Browser everywhere available no install
 - Important functionality
- Download at:

https://www.microsoft.com/en-us/microsoft-365/microsoft-teams/download-app

niversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia | +386 4 23 74 200 | fox.um.si | andrej.skraba@um.si | www.facebook.com/fovkrar

Browser Variant



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj



App Variant Installed Locally

MS Teams Functionality

- Create Teams or Channels
- On-the-spot meetings, conversations, file sharing
- Meetings Scheduling calendar syncs with the Outlook calendar
- Call anyone from Teams, even if they're not using Teams
- Activity Overview of unread messages, @mentions, replies etc.

MS Teams Prerequisites for Efficiency

- License from your institution
- Integration with MS ecosystem
- Important benefits
- Streamlines the work



Iniversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia + 386 4 23 74 200 | fox.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

One Login For All Applications

• Similar to Google environment



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkrar

Basic Menu

L Activity	Activity tag provides overview of recent activities in the tool. The activities can be filtered by keyword and grouped by type. Mail notifications can be setup
E Chat	Chat with the contacts that are within your organization. Video conversation and desktop sharing are also enabled.
tii Teams	Show the teams of which the user is a member. Within the teams the information are structured within the channels for better overview
assignments	Collection of all Assignments and quizzes – supported by MS Forms. The grading is also supported
💼 Calendar	Overview of all events. Creation of the events, according to the class schedule. The calendar is synchronized with the Outlook
C alls	Calls enable the communication with contacts. The functionality is similar to Skype enabling text and video chat
Files	Overview of all our files in Teams and entire MS ecosystem of the user. The files are synchronized with OneDrive
•••	The link to other tools, that can be included into MS Teams, like Kahoot, Forms, YouTube, Wikipedia, TeamViewer

Person view on Teams

				Person				
	Team 1			Team 2			Team n	
Chanel 1	Chanel 2	Chanel n	Chanel 1	Chanel 2	Chanel n	Chanel 1	Chanel 2	Chanel n
Posts								
Files								
Notes								
Assign.								
Grades.								

Iniversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia | +386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Organizational view on Teams

- Include departments
- Logically connected



niversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

MS Teams limits

- Number of teams a user can create: Subject to a 250 object limit
- Number of teams a user can be a member of: 1,000
- Number of members in a team: 10,000
- Number of owners per team: 100
- Number of org-wide teams allowed in a tenant: 5
- Number of members in an org-wide team: 5,000
- Number of teams a global admin can create: 500,000
- Number of teams a Microsoft 365 or Office 365 organization can have: 500,000
- Number of channels per team: 200 (includes deleted channels)
- Number of Private channels per team: 30 (includes deleted channels)
- Number of members in a Private channel: 250
- Maximum number of members in an Office 365 group that can be converted to a team: 10,000
- · Channel conversation post size: Approximately 28 KB per post

Source: https://docs.microsoft.com/en-us/microsoftteams/limits-specifications-teams

How to Create a Class

• Start the MS Teams – desktop app



Jniversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fov.um.si |andrej.skraba@um.si | www.facebook.com/fovkranj

How to Create a Class

• Under the Teams select Join or create team



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fox.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Create a team

• Click on the "Create team" button under Teams / Join or create team



Team type

- One can choose between different Team types
- Class enables discussions, group projects and assignments



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Name and description

- Enter name of the class and description
- In larger setups it is good to add your department/faculty i.e. UM FOV

Create your team	
Teachers are owners of dass teams and students participate as members. Each dass team allo to create assignments and quizzes, record student feedback, and give your students a private for notes in Class Notebook.	ws you space
Name	
Optimiranje in simulacija sistemov UM FOV 🦕	\odot
Description (optional)	
Online dass support for the subject "Optimiranje in simulacija sistemov"	
Create a team using an existing team as a template Cancel No	ext

Add students

- You can add students to the particular Class by entering their mail address
- In combination with moodle, you can Skip this step and inform the students about the Class setup by publishing a link to the Class

Add people to "Optimiranje in simulacija sistemov UM FOV"



Class Created

• After creation, the Class should be set up



Class Icon

• First, the icon should be changed



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidhčeva cesta 55a, 4000 Kranj, Slovenia + 386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkran

Upload the icon

• Select the Upload Icon

Update Optimiranje in simulacija sistemov UM FOV class details

Class name

Optimiranje in simulacija sistemov UM FOV







University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkrar

Q

Class Added

 The class is among Classes tiles, the tiles can be moved around by mouse



Link

- How to link the students to the Class?
- Elypsis/Get link to team



Copy the link to clipboard

- The link to the team is displayed and selected
- Press the Copy button



Iniversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia | +386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fox.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Select your Class

• Select your class to provide the link to the MS Teams

📶 UM eŠtudij 🗙 🕂		
← → C 🗎 estudij.um.si		
👯 Apps 🔺 Bookmarks 📒 Mini PC 📃 RU	📙 T.S. 📒 WebGL 🛞 CS 4767 :: KM L and 🍥	🔉 Online HTML Editor 🍯 partners 📒 javascript 📒 node js 📒 GIT 📒 Android 📒 VIM 📒
Univerza v Mariboru Slovenščina (sl)		
Koristne povezave		MAG
Univerza v Mariboru		7220
moja.UM Univerzitetna knjižnica	COPTIMIRANJE IN SIMU Izvajalec: Alenka Baggia Izvajalec: Andrej Škraba	ACIJA SISTEMOV FAKULTETA ZA ORGANIZACUSKE VEDE ORGANIZACIJA IN MANAGEMENT INFORMACUSKIH SISTEMOV ORGANIZACIJA IN MANAGEMENT INFORMACUSKIH SISTEMOV VS 3 5308
	PROGRAMSKI JEZIK JAV	Α

Enter Chapter #1

• Enter Chapter #1 in moodle under your class



Edit Preferences

• In moodle Edit Preferences, to add the link



versity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia |+386 4 23 74 200 | fov.um.si |+andrej.skraba@um.si |+www.facebook.com/fovkranj

Add Text

• In moodle Add Text "Link to MS Teams": [link]



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkrar

Select the Text

• In moodle select the text and then press the link icon to insert the link



versity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia |+386 4 23 74 200 | fov um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Paste the link

- In moodle, we paste the link to the MS Teams Class
- × select open in new vidow and Create the Link

	Ustvari povezavo ×	
~~	Vnesi URL	Se 1. 1
~	Odpri v novem oknu	I
	Ustvari povezavo	

University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidhčeva cesta 55a, 4000 Kranj, Slovenia + 386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkran

Link Established

- The link is now established (underlined)
- The student can now click the link to be redirected to MS Teams



niversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia + 386 4 23 74 200 | fox.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Save the Page

• At the end, we should save the modified moodle page:



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia | +386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkran

Test the Link

• We should test the link by pressing [povezava] ([link])



Redirect to Browser

- The Link redirects us to Browser
- Open the link with MS Teams



Entering MS Teams Class

• We get to the MS Teams Class (OSS in our case)

$\langle \rangle$		Q, Search	🚜 – 🗆 ×		- 🗆 ×
	All teams	Window Querthours i enabled, si you won't per notifications for cals end messages in Te	ams. X ⊛⊺eam Qi () ···	963 Fgroupid63D7596afbf-d71d	🗙 😑 🌲 🔘 🗄
Teans assyments	Optimiranje in simulac	Welcome to Optimiranje in simulacija sistemov	UM FOV		
Constant Constant Prints		Choose where you want to start			
B Agges Agges redp		Mer conversion Her conversion Her per conversion			
		Iniro+any Disossures			

Generating the Code - Alternative

• Alternative is to generate the access code to the class



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkran

The Code

• The code for direct access is generated

Team code
 Share this code so people can join the team directly - you won't get join requests
 v13msp7
 v³ Full screen ℃ Reset Remove Ch Copy
 Note: Guests won't be able to join with a team code

iversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | for.um.si | andrej.skraba@um.si | www.facebook.com/forvkra

Access Directly

- One can access directly by going to MS Teams Application of Web version and enter previously generated code
- This enables the direct acces
- Anyone with the code can access
- After all students login the code could be altered and by this "random drop ins" are blocked



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia | +386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Alternative

- Alternative to putting the link to moodle Class (via materials or also Forum) would be to send the mails to the students
- The list of mail addresses should be prepared



Adding Members

 If the student does not have an MS Teams Identity, you can add her/his



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fox.um.si | andrej.skraba@um.si | www.facebook.com/fovkrar

External Participants

- If the student is in your organizational roster in our case @um.si then you can select it from the roster
- Othervise you can add external member as a guest

Add members to Optimiranje in simulacija sistemov	UM FOV
Students Teachers	
kibernetika01@gmail.com	
Add kibernetika01@gmail.com as a guest	
N	
	Close

in honour of my mom - Dear kibernetika! Today's e-mail is very personal and speci

niversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Add the Member

• Now, you can add a new Add members to Optimiranje in simulacija sistemov UM FOV external member Students Teachers User gets the notification to inbox 🕘 kibernetika01 (Guest) 🖉 🛛 Add 附 Inbox (4,730) - andrej.skraba@gm 🗙 🛛 M Prejeto (29) - kibernetika01@gma 🗙 + ← → C 🔒 mail.google.com/mail/u/1/#inbox 🏢 Apps 🔺 Bookmarks 📙 Mini PC 📒 RU 📒 TS 📒 WebGL 📀 CS4767 :: KML and... 🛞 Online HTML Editor 🍯 partners 📒 javascript 📒 node.j: Q Iščite po pošti M Gmail □ - C : - Novo Promocije 26 novih 🚓 Družabno Close Olda Dedtvareva. See Prejeto Microsoft Teams You have been added as a guest to Univerza v Mariboru in Microsoft Teams - Mi Z zvezdico Preloženo 0 Andrej Škraba Fwd: f ---- Forwarded message ——- From: Andrej Škraba <andrej.skraba@gn Pomembno

🔲 🕁 🗩 Olga Degtvareva

User Access

 Now user can access the MS Teams from the link in the mail



User Access – create an account

- User should create an account in order to get access
- Best option is, that the user gets the organizational identity
- By org. ID, the user can access full functionality



Channels

- Channels are dedicated sections within a team to keep conversations organized by specific topics, projects, disciplines etc.
- Files that you share in a channel are stored in SharePoint integration
- Channels are places where conversations happen and where the work actually gets done
- Channels are most valuable when extended with apps that include tabs, connectors, and bots that increase their value to the members of the team

University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia | +386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Channels (cont.)

• By default, one chanel per Team is already created - General



Creating a Channel

• Click on the elypsis (...) and select Add channel option



Creating a Channel – Adding Description

Add description and select "Automatically show…"



The Channel is Created

• We should add a new conversation



The Channel is Created

- We can write something in discussion using @ mark
- Most important, to start the lectures, we should click on the Meet button



How to Plan a Lecture, Tomorrow at 8:00?

- Go to Calendar
- Click on desired timeslot



	Wednes Double			
Artisty -	Windows Quiet Ho	urs is enabled, so you won't get notifications for caus	and messages in Learns.	
Calend	ar		Q4 Meet now	+ New meeting 🗸
Today <	> November 2020 - December	2020 ~		\boxplus Work week \sim
30 Monday	01 Tuesday	02 Wednesday	03 Thursday	04 Finday
menta				
11: 8 AM			§Pogodba o	
les .			zaposlitvi - značilnosti, vsebina	
• AM		SOSS 2. predavanja Andrej Stratsa	Bojan Vavtar OSS 3 Andrej Straba	
10 AM			B	
8 11 AM		and a second		Shareholder Bartharator 177
D		sistemov - iz Andrej Sienb	pit 🕴 🖷	Raziskovalni seminar FIS 4.12.2020 ob @ Fri Dec 4, 2020 Tlam -

How to Plan a Lecture, Tomorrow at 8:00? (c.)

- Enter title
- Start time
- End time
- <u>Add Channel</u>
 <u>of subject</u>
 <u>OSS/Predavanja!</u>
- Add desc.



How to Plan a Lecture, Tomorrow at 8:00? (c.)

• Lectures are planned in the Calendar



How to Plan a Lecture, Tomorrow at 8:00? (c.)

• Students are informed about the scheduled lecture via mail



How to Plan a Lecture, Tomorrow at 8:00? (c.)

- Now the lectures can be seen in our OSS/ Predavanja ... channel
- If you click on the lectures to test the functioning of the system ->



How to Plan a Lecture, Tomorrow at 8:00? (c.)

• ... you can press the button Join



Prepare

• ... and Prepare yourself to start lecturing (as a test):



Prepare

• When ready to start, camera and sound OK, click on "Join now"



How to send link to student(s)

• If you want to send the link to the lecture to the students, directly, maybe to someone that is not in current student group, go to (...):

< 🕥		Q. Search	1	. – 🥵 – c
	< All teams		Windows Quiet Hours is enabled, so you won't get notifications for calls a	ind messages in Teams.
E	OSS	OSS CON	Predavanja OSS UM FOV Posts 2 more ~ +	⊕ Team 1 Guest Q Q Meet ∨
			Today	
Tearns	Optimiranje in simulac	e.	Andrej Škraba 7:58 AM 3. predavanja OSS	
Assignments	General		Predavanja OSS 3.	
E Calendar	Predavanja OSS UM FOV		Thursday, December 3, 2020 (g. 9300 AM 15 replies from you, Blaž, Miha, and 2 others	
C ats			©i Meeting ended: 2h 24m ← Reply	28 /11 18 06 🚭
Files		e	Andrej Škraba 10.44 AM Četrta predavanja pri predmetu Optimiranje in simulacija sistemov.	
			OSS 4. predavanja Friday, December 4, 2020 @ 8:00 AM	_>…
			Ĝi OSS 4. predavanja ended: 12s ← Reply	ø
_ B\$				

How to send link to student(s) (cont.)

• Meeting details pops up:



How to send link to student(s) (cont.)

- Go to the end of meeting details on "Cick here to join the meeting"
- Right click the mouse and select "Copy Link"



How to send link to student(s) (cont.)

 Now, you can paste the link in your email and send it directly to student(s)



Students Joining

- Students can see that the Meeting in "Lectures ..." has been started
- Students can Join the meeting



Class LogBook

 Each start of the lectures is logged to the channel together with the discussion



Lectures start

• Students can see the following interface



The functionalities

• The main functionalities can be accesed via the toolbar:



The functionalities (cont.)

- Share screen to show the slides or table
 - Leave the lectures

niversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia | +386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkrar

Share the desktop

- 1st click on the Share icon | 2nd select the destkop to share
- The Powerpoint slides and other material can be shown from the user destkop



List of Participants

- Attendance list can be downloaded by pressing (...)
- List is saved in Excel file





Stop Sharing

- After start of Sharing, the desktop will be bordered with red color
- If you want to stop the Sharing, the Stop Share icon (with cross ×) should be pressed



Using Tablet

• You can also share the tablet – MS Whiteboard or some other app



Using Tablet

• You can also share the tablet – MS Whiteboard or some other app



Using Tablet (cont.)

- Example of Tablet output
- Other Applications might be more appropriate



Tablet

- Model: Wacom Bamboo CTH-661
- Affordable
- Newer models
- Easy to use



Hybrid Approach

- 2020 changed the education branch
- Nothing will be the same
- Offline lectures put on YouTube like Khan Academy are more efficient
- 10 min short, focused videos 20 min tops
- Harder to produce quality material
- Open to public important to improve
- Discussion and evaluation of content prime importance
- Improve by Feedback

Jniversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia | +386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Hybrid Approach (cont.)

Link from moodle to YouTube: <u>https://youtu.be/d76BTGvVpW8</u>



Hybrid Approach (cont.)

- Possibility to reach broader audience
- YouTube: https://youtu.be/19X0angR_rM
- Could not be done by classical means



Organizing Virtual Conference in 2020

- Euromicro DSD/SEAA 2020 Conference
- Organizing conference in the time of pandemic is a challenging task
- Entire classical setup should be transformed to the virtual one
- Difference:
 - Costs
 - Ecological impact
 - Time
- However, virtual conferences negatively impacts the GDP
- Find a new way to achieve the real communication
- · Social impact that is lost in virtual meetings
- Challenging task for the future

Technologies

- Zoom 7 licences
- 6 paralel tracks up to 100 participants
- 1 plenary track with up to 300 participants
- Upload the videos and slides before the conference
- DropBox for upload of the videos
- Application to preview the uploaded material
- YouTube upload of videos
- Euromicro YouTube channel established
- Long lasting value

Iniversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia | +386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkran

Organizational Aspect

- Local organizing commitee: 7 members present all the time to cover 1 keynote and 6 parallel sessions
- Each session leader had two computers:
 - As a meeting leader
 - As a participant to see the screen of the participants
- Recording of the talks
- Assistance at the presentations

Organization

- Team members in the PC equiped classroom
- From home
- Remote work



iniversity of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia + 386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Zoom Caveats

• Global crush in August



University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj , Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkran

Zoom Caveats (cont.)

- Good to have alternative plan
- MS Teams
- YouTube pre-uploaded videos



S Euromicro DSD/SEAA 2020

Zoom

× +

Euromicro DSD/SEAA 2020

Access

- Lecture Rooms Switchboard was prepared on the conference site
- Participants can select the desired track
- Passwords were used, distributed before the conference

Track	Button (click to open Zoom session)	Active
Track1DSD	Track1DSD	elect your Active M rack
Track2DSD	Track2DSD	
Track3DSD	Track3DSD	
Track1SEAA	Track1SEAA	
Track2SEAA	Track2SEAA	
Track3SEAA	Track3SEAA	
Keynotes	Keynotes	

The conference will be conducted using Zoom virtual meetings software. Please check the technology bel the working of the Zoom each work day MO-FRI between 14:00 and 15:00 (CEST (Central European Sun

Call For Papers

Main

Results

• Euromicro YouTube Channel was established



Comparison to Zoom

- Zoom is easier for quick setup
 - No confusion
 - Easily accessible link
 - Technically excellent
 - Easy navigation
 - Affordable licensing
- MS Teams
 - Harder to get yourself around
 - Important advantage if your organization is already using MS products:
 - Integration with Microsoft Ecosystem
 - Benefits integrating with other applications

Future

- One could anticipate, that the moodle will incorporate the web videoconferencing possibility
- Combination with YouTube broader audience in science is important
- · Possibility to get the comments and discussion
- Environmental aspect
- Lowering of the cost

University of Maribor, Faculty of Organizational Sciences, Cybernetics & DSS Laboratory | Kidričeva cesta 55a, 4000 Kranj, Slovenia |+386 4 23 74 200 | fov.um.si | andrej.skraba@um.si | www.facebook.com/fovkranj

Sources

- MS Teams (2020) https://www.microsoft.com/en-US/microsoft-365/microsoft-teams, Accessed: 30.11.2020
- UM ICT Coordinators' Group (2020) Predavanja na daljavo UM, https://univerzamb.sharepoint.com/sites/PredavanjanadaljavoUM, Accessed: 30.11.2020, Internal documentation
- A. K. Porenta (2020) FOV delavnica MS Teams, Internal documentation
- MS Teams Limits (2020) https://docs.microsoft.com/enus/microsoftteams/limits-specifications-teams, Accesed: 30.11.2020