



Sveučilište u Rijeci
Fakultet informatike
i digitalnih tehnologija



IKT, obrazovanje i ekonomija

Kolegij: Elektroničko poslovanje i digitalne inovacije

Nositeljica: izv. prof. dr. sc. Danijela Jakšić

IKT, obrazovanje i ekonomija



- Scott Widman, "Technology, The best or worst thing for education" (<https://www.youtube.com/watch?v=9IbN1LxXevM>)
- Mary Jo Mada, "Why Technology Can't Fix Education" (<https://www.youtube.com/watch?v=Lqjh24uq9tM>)
- "What Will Schools Look Like in the Future?" (<https://www.youtube.com/watch?v=JZlgYiXzu58>)
- Ben Pring, "The new jobs of the future and other insights on the changing workforce" (https://www.ted.com/talks/ben_pring_the_new_jobs_of_the_future_and_other_insights_on_the_changing_workforce)
- Jessica Ochoa Hendrix, "How virtual reality turns students into scientists" (https://www.ted.com/talks/jessica_ochoa_hendrix_how_virtual_reality_turns_students_into_scientists#t-348734)
- Eric Berridge, "Why tech needs the humanities" (https://www.ted.com/talks/eric_berridge_why_tech_needs_the_humanities)
- "The Future of Work: Technology" (<https://www.youtube.com/watch?v=Vk7hZ6zXirE>)
- Daniel Susskind, "3 myths about the future of work (and why they're not true)" (<https://www.youtube.com/watch?v=2j00U6lUC-c>)
- "Top 10 Emerging Jobs for the Future 2020-2030" (<https://www.youtube.com/watch?v=Wzgo1SQGCpw>)
- Margrethe Vestager, "The new age of corporate monopolies" (https://www.ted.com/talks/margrethe_vestager_the_new_age_of_corporate_monopolies)
- Don Tapscott, "How the blockchain is changing money and business" (https://www.ted.com/talks/don_tapscott_how_the_blockchain_is_changing_money_and_business)
- Jay Cousins, "The future of economic success is collaborative" (https://www.ted.com/talks/jay_cousins_the_future_of_economic_success_is_collaborative)

- Utjecaj razvoja IKT-a na obrazovanje - s primjerima
- Primjeri obrazovnih sustava diljem svijeta
- Pozitivne i negativne strane korištenja IKT-a u obrazovnom procesu
- E –učenje: prednosti i nedostaci
 - Hibridno obrazovanje i potpuno online obrazovanje
- IKT i studenti - kako, kada, koliko, zašto?
- IKT i obrazovanje osoba s invaliditetom
- IKT i kreativnost u obrazovnom procesu
- Može li tehnologija poboljšati obrazovanje?
- Škole/Fakulteti budućnosti

- Utjecaj IKT-a na razvoj radnih mjesta i zanimanja
- Kako IKT mijenja potrebe tržišta rada?
 - Utjecaj na potrebne vještine
- Robotika u kontekstu poslova/zanimanja
- Digitalna pismenost i digitalne vještine - nova norma?
- Poslovno komuniciranje - povijest i budućnost
- Poslovi/zanimanja budućnosti
 - Daljnji razvoj i utjecaj na društvo - ideje, mogućnosti, smjerovi
 - Dodatne etičke dileme

- Utjecaj IKT-a na globalizaciju - s primjerima
- Utjecaj IKT-a na gospodarstvo - s primjerima
- Globalizacija i tržišni monopoli
- Globalizacija i internetsko tržište
- Blockchain i digitalne valute
- Ekonomija suradnje
- Ekonomija budućnosti
 - Daljnji razvoj i utjecaj na društvo - ideje, mogućnosti, smjerovi

IKT, kultura, demokracija i otvoreni svijet

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IKT, kultura i demokracija



- Clay Shirky, *"How the internet will one day transform government"*
(https://www.ted.com/talks/clay_shirky_how_the_internet_will_one_day_transform_government)
- Audrey Tang, *"How digital innovation can fight pandemics and strengthen democracy"*
(https://www.ted.com/talks/audrey_tang_how_digital_innovation_can_fight_pandemics_and_strengthen_democracy)
- Danielle Citron, *"How deepfakes undermine truth and threaten democracy"*
(https://www.ted.com/talks/danielle_citron_how_deepfakes_undermine_truth_and_threaten_democracy)
- Carole Cadwalladr, *"Facebook's role in Brexit - and the threat to democracy"*
(https://www.ted.com/talks/carole_cadwalladr_facebook_s_role_in_brexit_and_the_threat_to_democracy)
- Yael Eisenstat, *"Dear Facebook, this is how you're breaking democracy"*
(https://www.ted.com/talks/yael_eisenstat_dear_facebook_this_is_how_you_re_breaking_democracy)
- Emmett Shear, *"What streaming means for the future of entertainment"*
(https://www.ted.com/talks/emmett_shear_what_streaming_means_for_the_future_of_entertainment)
- Jack Conte, *"How artists can finally get paid in the digital age"*
(https://www.ted.com/talks/jack_conte_how_artists_can_finally_get_paid_in_the_digital_age)
- Amit Sood, *"Every piece of art you've ever wanted to see up close and searchable"*
(https://www.ted.com/talks/amit_sood_every_piece_of_art_you_ve_ever_wanted_to_see_up_close_and_searchable)
- Mehret Mandefro, *"How a strong creative industry helps economies thrive"*
(https://www.ted.com/talks/mehret_mandefro_how_a_strong_creative_industry_helps_economies_thrive)
- Drew Silverstein, *"How technology can democratize music"*
(https://www.ted.com/talks/drew_silverstein_how_technology_can_democratize_music)
- John Maeda, *"How art, technology and design inform creative leaders"*
(https://www.ted.com/talks/john_maeda_how_art_technology_and_design_inform_creative_leaders)

IKT, kultura i demokracija



- Utjecaj IKT-a na demokraciju
 - Dobro i loše: primjeri po zemljama
- Internet, sloboda govora i demokracija
 - Dobro i loše: primjeri
- Masovna komunikacija, društvene mreže i demokracija
 - Anonimnost - ograničiti je ili ne?
 - Politika, političke poruke i političke kampanje
 - Lažne informacije i lažne vijesti u kontekstu manipulacije demokracijom
 - Dodatne etičke dileme
- Budućnost demokracije
 - Daljnji razvoj i utjecaj na društvo
 - Ideje, mogućnosti, smjerovi

- Digitalizacija kulture
- Primjeri utjecaja IKT-a na kulturu
 - Likovne umjetnosti, dramske umjetnosti, film, moda, glazba, fotografija, književnost, arhitektura,...
- Dostupnost i otvorenost kulturnih sadržaja
 - Dobro i loše
- Neke etičke dileme
- Budućnost kulture pod utjecajem IKT-a
 - Daljnji razvoj i utjecaj na društvo
 - Ideje, mogućnosti, smjerovi

- Don Tapscott, *"Four principles for the open world"*
(https://www.ted.com/talks/don_tapscott_four_principles_for_the_open_world#t-36774)
- Linus Torvalds, *"The mind behind Linux"* (https://www.ted.com/talks/linus_torvalds_the_mind_behind_linux)
- Jimmy Wales, *"The birth of Wikipedia"* (https://www.ted.com/talks/jimmy_wales_the_birth_of_wikipedia)
- Michael Nielsen, *"Open science now"* (https://www.ted.com/talks/michael_nielsen_open_science_now)
- Salvatore Iaconesi, *"What happened when I open-sourced my brain cancer"*
(https://www.ted.com/talks/salvatore_iaconesi_what_happened_when_i_open_sourced_my_brain_cancer)
- Jaron Lanier, *"How we need to remake the internet"*
(https://www.ted.com/talks/jaron_lanier_how_we_need_to_remake_the_internet)
- Tamas Kocsis, *"The case for a decentralized internet"*
(https://www.ted.com/talks/tamas_kocsis_the_case_for_a_decentralized_internet)
- Jamie Bartlett, *"How the mysterious dark net is going mainstream"*
(https://www.ted.com/talks/jamie_bartlett_how_the_mysterious_dark_net_is_going_mainstream)

- Razlozi i motivacija pokreta otvorenog koda
- Otvoreno nasuprot besplatnom - koja je razlika?
- Otvoreni izvor i otvorena tehnologija
 - Dobro i loše
 - Pravna pitanja i zakonodavstvo
 - GNU projekt
 - Microsoft vs Linux - vječna dilema
- Zašto Dark Net?
 - Dobro i loše
- Je li Internet centraliziran?
 - Problemi, dileme, rješenja

- Zašto otvorena znanost?
 - Dobro i loše
- Zašto otvoreno obrazovanje?
 - Dobro i loše
- Wikipedia: dobro i loše
- YouTube: dobro i loše
- Blog: dobro i loše
- Copyright vs. „Copyleft”
- Daljnji razvoj i utjecaj na društvo
 - ideje, mogućnosti, smjerovi



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Izazovi, perspektive, budućnost

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Izazovi i budućnost



- Chuck Nice, "A funny look at the unintended consequences of technology" (https://www.ted.com/talks/chuck_nice_a_funny_look_at_the_unintended_consequences_of_technology)
- Douglas Rushkoff, "How to be team human in the digital future" (https://www.ted.com/talks/douglas_rushkoff_how_to_be_team_human_in_the_digital_future)
- Anab Jain, "Why we need to imagine different futures" (https://www.ted.com/talks/anab_jain_why_we_need_to_imagine_different_futures)
- Tristan Harris, "How better tech could protect us from distraction" (https://www.ted.com/talks/tristan_harris_how_better_tech_could_protect_us_from_distraction)
- Laurence Hurst, "Is human evolution speeding up or slowing down" (https://www.ted.com/talks/laurence_hurst_is_human_evolution_speeding_up_or_slowing_down)
- Tom Gruber, "How AI can enhance our memory work and social lives" (https://www.ted.com/talks/tom_gruber_how_ai_can_enhance_our_memory_work_and_social_lives)
- Baroness Beeban Kidron, "Why we must protect the digital rights of children" (https://www.ted.com/talks/baroness_beeban_kidron_why_we_must_protect_the_digital_rights_of_children)
- Kareem Yusuf, "The importance of emotional tone in the digital age" (https://www.ted.com/talks/kareem_yusuf_the_importance_of_emotional_tone_in_the_digital_age)
- Eli Pariser, "What obligation do social media platforms have to the greater good" (https://www.ted.com/talks/eli_pariser_what_obligation_do_social_media_platforms_have_to_the_greater_good)
- "How will AI change the world?" (https://www.youtube.com/watch?v=RzkD_rTEBYs)
- Vinod Khosla, "12 Predictions for the Future of Technology" (<https://www.youtube.com/watch?v=Pj9QnO9rZkE>)
- Sal Khan, "How AI Could Save (Not Destroy) Education" (<https://www.youtube.com/watch?v=hJP5GqnTrNo>)

- Posljedice razvoja IKT-a
 - Dobro i loše
- Čovječanstvo i tehnologija
- Digitalna ljudska prava
 - Zakoni i propisi: stanje i potrebe
- Tehnologija i emocionalna inteligencija
- Tehnologija i moć
- AI i budućnost društva
- Daljnji razvoj IKT-a
 - Trendovi, vizije, ideje, mogućnosti, smjerovi
- Daljnji utjecaj na društvo
 - Trendovi, vizije, ideje, mogućnosti, smjerovi