



**Faculty of Civil  
Engineering**

WARSAW UNIVERSITY OF TECHNOLOGY

# What works? Do It Yourself Concepts for Higher Education

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# TOC

- 1. Shortly who you are, including your organisation
- 2. The basic concept -
  - The Mission - Why you are doing it?
  - The Concept - How you are doing it?
  - The Experience - Does it work?
- 3. The lessons learnt?

# Short bio



Associate Professor at Faculty of Civil Engineering of Warsaw University of Technology.

information technologies, applied computer sciences, computational thinking and computer methods in civil engineering.



Fields of interest – two research areas:

engineering computations  
e-learning - TEL



Member of (IFIP) International Federation of Information Processing.



Recently focused on lecture capture.



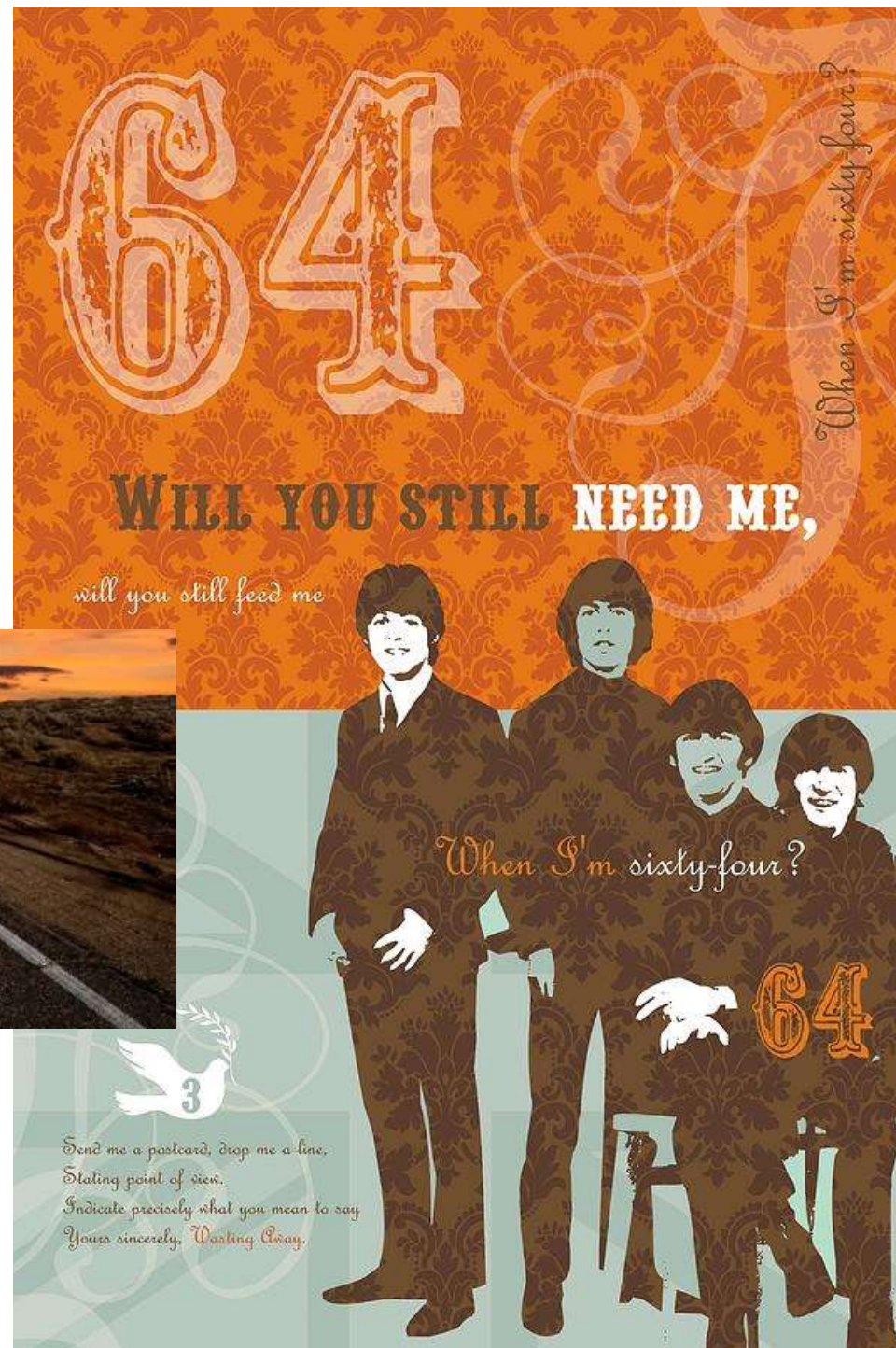
# Magic 64

<https://d2lubch9d26anb.cloudfront.net/cdn/farfuture/aJQTLTeEFjO459gbivTKI7mlLqXVLboPZVvgEZ7O6I4/mtime:1509392608/sites/default/files/when-im-64-shani-goss.jpg>



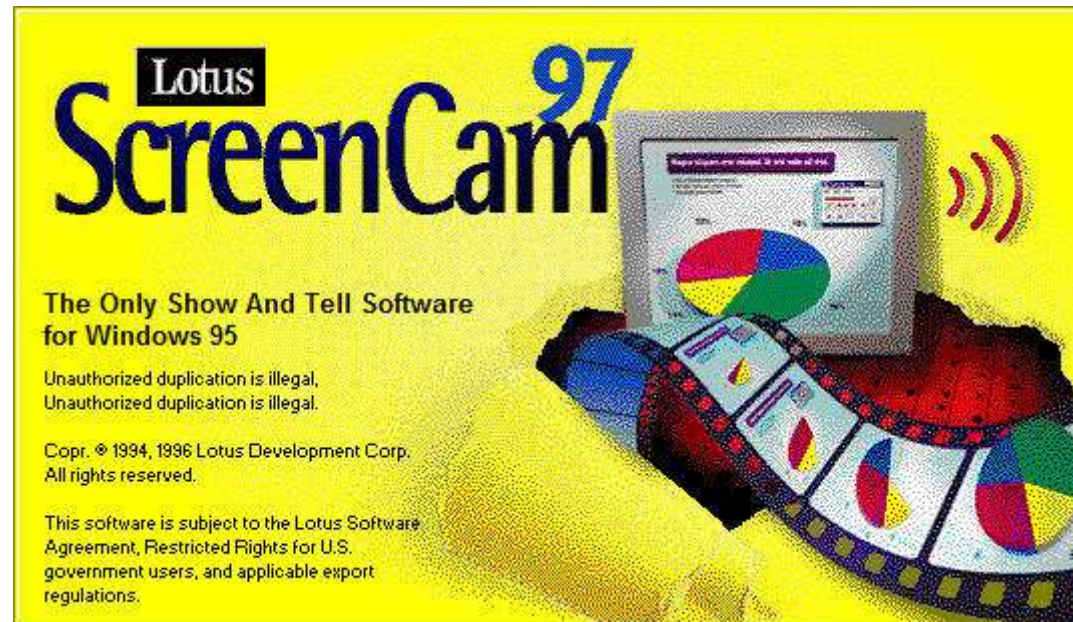
[https://www.mygrandcanyonpark.com/.image/c\\_limit%2Ccs\\_srgb%2Cq\\_auto:good%2Cw\\_620/MTUwNjU1NDA2NDM0MTY2MTM2/route-66-sunset\\_adobe\\_940.webp](https://www.mygrandcanyonpark.com/.image/c_limit%2Ccs_srgb%2Cq_auto:good%2Cw_620/MTUwNjU1NDA2NDM0MTY2MTM2/route-66-sunset_adobe_940.webp)

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# The Mission – Why? Show and Tell Software



# Joe Udell & screencasting [Wiki]

In 2004, columnist Jon Udell invited readers of his blog to propose names for the emerging genre.

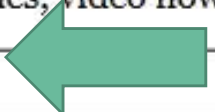
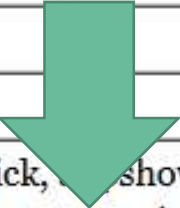
Udell selected the term "screencast", which was proposed by both Joseph McDonald and Deeje Cooley.

<http://jonudell.net/udell/2004-11-17-name-that-genre-screencast.html>

## Name that genre: screencast

After receiving a flood of responses to my [name that genre](#) puzzle, I've decided on the term *screencast*. Here were the choices:

Gavin Terrill	democam
Robert Leftwich	activevid, castware, dynamivid, dynavid, movieware, narrationware, precast, presencast, softcast, vidarration, videoactive, vidware
Shiraz Kanga	smoovie, screedio
<a href="#">David Ascher</a>	product interview
Joseph McDonald	appbeam, appcast, appflick, appshow, appstream, displaycast, livescreen, screenbeam, screencast, screenflick, screenreel, screenscenes, screenshow, screenshow, screenstream, windowbeam
Luke Matkins	moviecapture, movieshot, democam
Jason Brome	democast
M. Sean Gilligan	screen movies, video how-to's
Deeje Cooley	screencast





# “Ancient” times...

Gajewski, R. R. (2004). Wykorzystanie narzędzi do authoringu i streamingu w I-edukacji na uczelniach technicznych. W IV Krajowa Konferencja Multimedialne i Sieciowe Systemy Informacyjne MISSI 2004 (ss. 417–424).

Gajewski, R. R. (2005a). Multimedialny podręcznik programu InRoads. W Kształcenie na Odległość: Metody i Narzędzia (ss. 21–28).

Gajewski, R. R. (2005b). Narzędzia do I-edukacji „dla każdego”. W Teoretyczne i Praktyczne Aspekty e-Learningu (ss. 35–45).

Gajewski, R. R. (2005c). Przegląd narzędzi autorskich do tworzenia szkoleń w I edukacji. W Akademia online (ss. 243–248).

Timeline  
The Concept - How

WUT

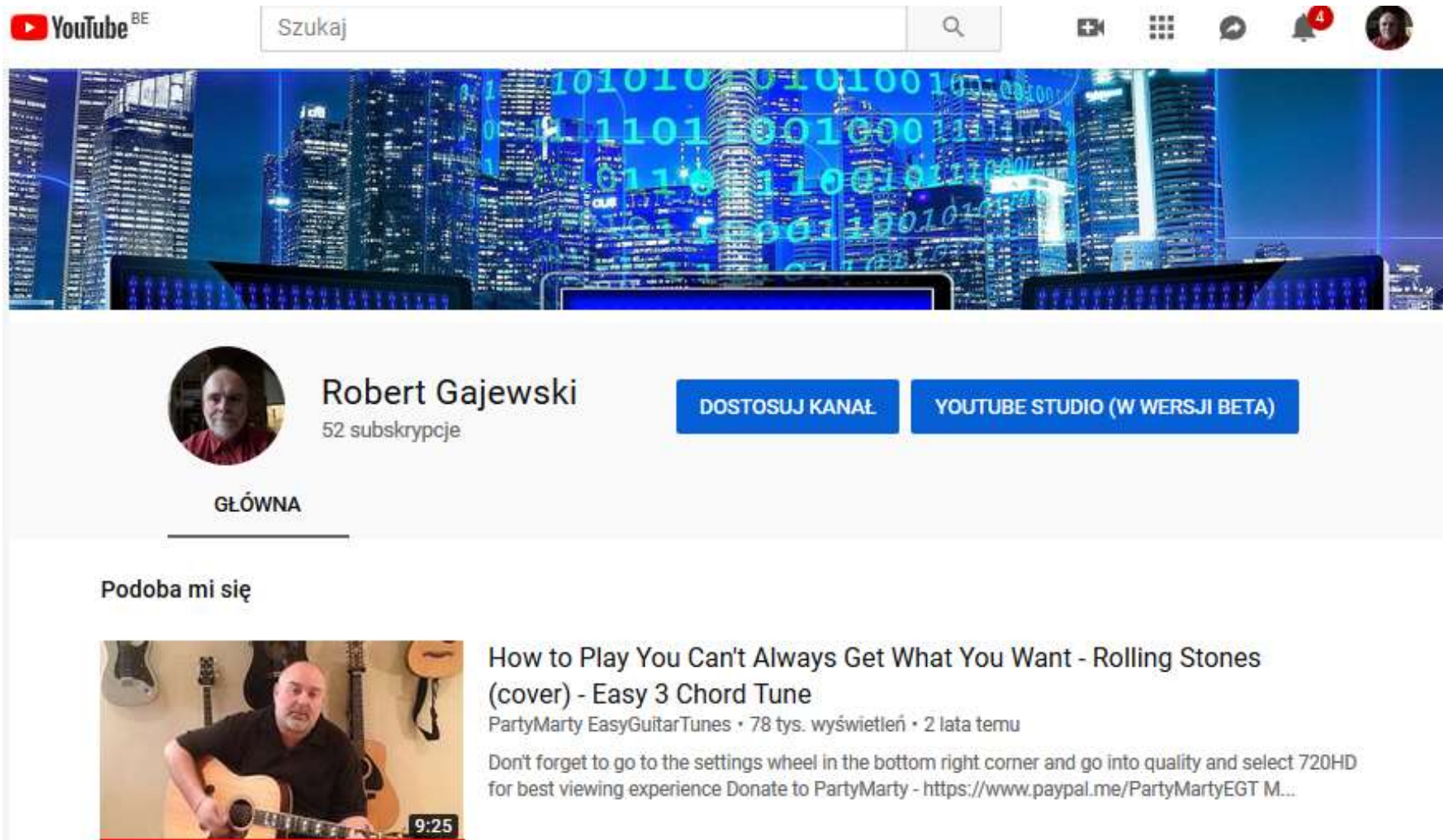
Flash (SWF)

YouTube

ActivePresenter

# YouTube

WUT



The image shows a screenshot of a YouTube channel page. At the top left is the YouTube logo with 'BE' next to it. A search bar contains the word 'Szukaj'. To the right of the search bar are icons for video upload, a grid, a speech bubble, a notification bell with a red '4', and a profile picture. Below this is a banner image of a city skyline at night with binary code overlaid. The channel name 'Robert Gajewski' is displayed with a circular profile picture and '52 subskrypcje' below it. Two blue buttons are visible: 'DOSTOSUJ KANAŁ' and 'YOUTUBE STUDIO (W WERSJI BETA)'. Below the channel name is the word 'GŁÓWNA' underlined. A section titled 'Podoba mi się' contains a video thumbnail of a man playing an acoustic guitar. The video title is 'How to Play You Can't Always Get What You Want - Rolling Stones (cover) - Easy 3 Chord Tune'. Below the title is the channel name 'PartyMarty EasyGuitarTunes' and statistics: '78 tys. wyświetleń • 2 lata temu'. A text overlay on the video says 'Don't forget to go to the settings wheel in the bottom right corner and go into quality and select 720HD for best viewing experience Donate to PartyMarty - https://www.paypal.me/PartyMartyEGT M...'. A '9:25' timer is visible in the bottom right corner of the video frame.

YouTube<sup>BE</sup> Szukaj

Robert Gajewski  
52 subskrypcje

DOSTOSUJ KANAŁ YOUTUBE STUDIO (W WERSJI BETA)

GŁÓWNA

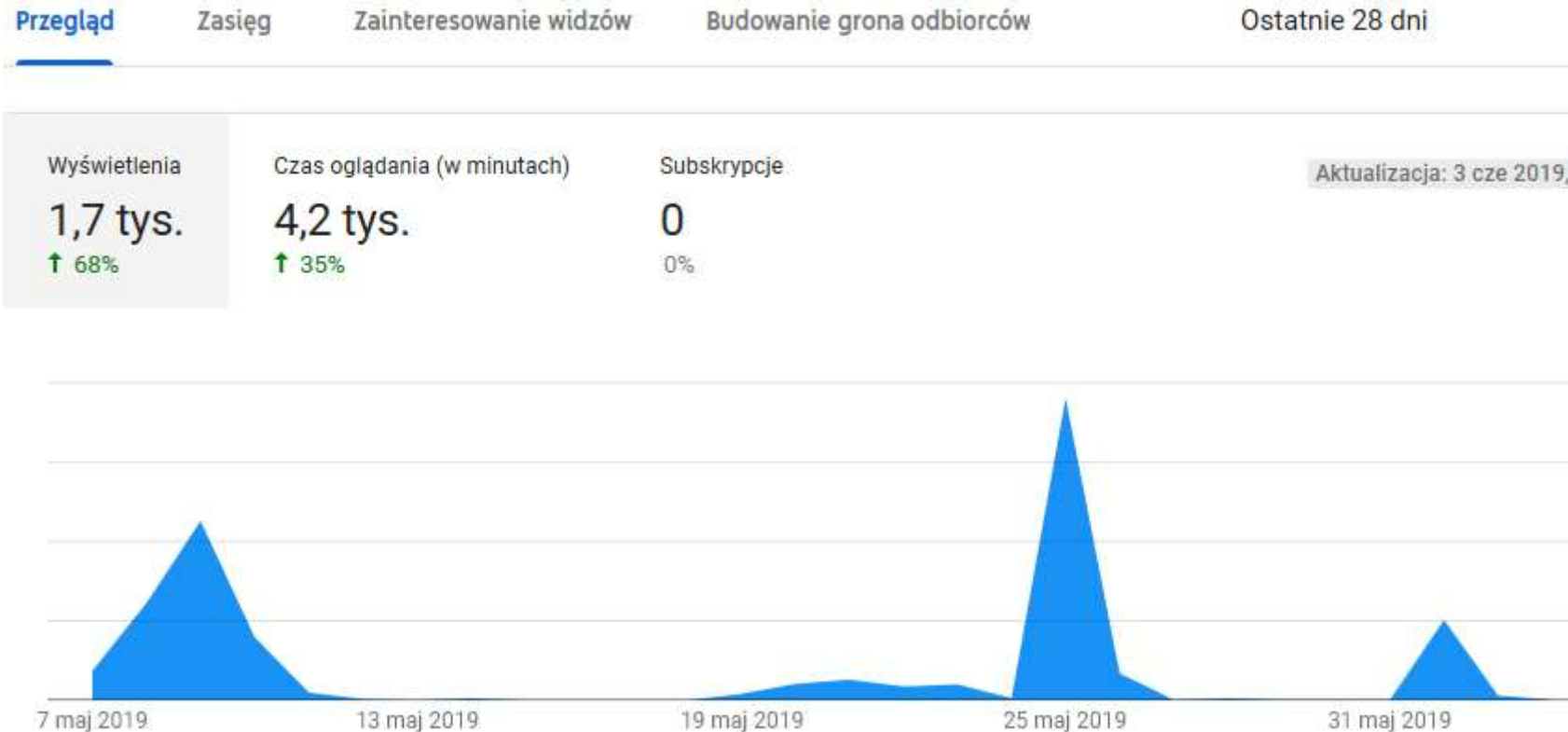
Podoba mi się

How to Play You Can't Always Get What You Want - Rolling Stones (cover) - Easy 3 Chord Tune  
PartyMarty EasyGuitarTunes • 78 tys. wyświetleń • 2 lata temu

Don't forget to go to the settings wheel in the bottom right corner and go into quality and select 720HD for best viewing experience Donate to PartyMarty - <https://www.paypal.me/PartyMartyEGT> M...

9:25

# YouTube The Experience – Does it Work?



# ActivePresenter

## The Lessons Learned



### Modes:

- Demonstration
- Tutorial
- Practice
- Test