



**IM083 + IMK48 AV SEMINÁŘ  
UMĚNÍ NOVÝCH MEDIÍ II**

**JARO 2018**

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# NA ÚVOD..

- **MARK TRIBE A REENA JANA: NEW MEDIA ART**
- **CHRISTIANE PAUL: DIGITAL ART:**
- TELEPREZENCIA,TELEMATIKA,TELEROBOTIKA,
- TELO A IDENTITA
- DATABÁZY A DÁTOVÁ VIZUALIZÁCIA, MAPPING
- GAMING
- TAKTICKÉ MÉDIÁ,HACKTIVIZMUS
- AI A INTELIGENT AGENTS
- SOCIAL NETWORKING
- VIRTUAL WORLDS
- ARTIFICIAL LIFE
- WET MEDIA, BIOMEDIA

- TÉMY A STRATÉGIE NMA NIE SÚ DEFINOVANÉ MÉDIOM.
- MAPOVANIE PO ČASOVEJ OSI VÝVOJ NMA OD POČIATKOV ROBOTICKÉHO UMENIA (HW) CEZ NETART (SW) AŽ NAJAKTUÁLNEJŠIEMU BIOARTU, RESP. WET ARTIFICIAL LIFE (WW)

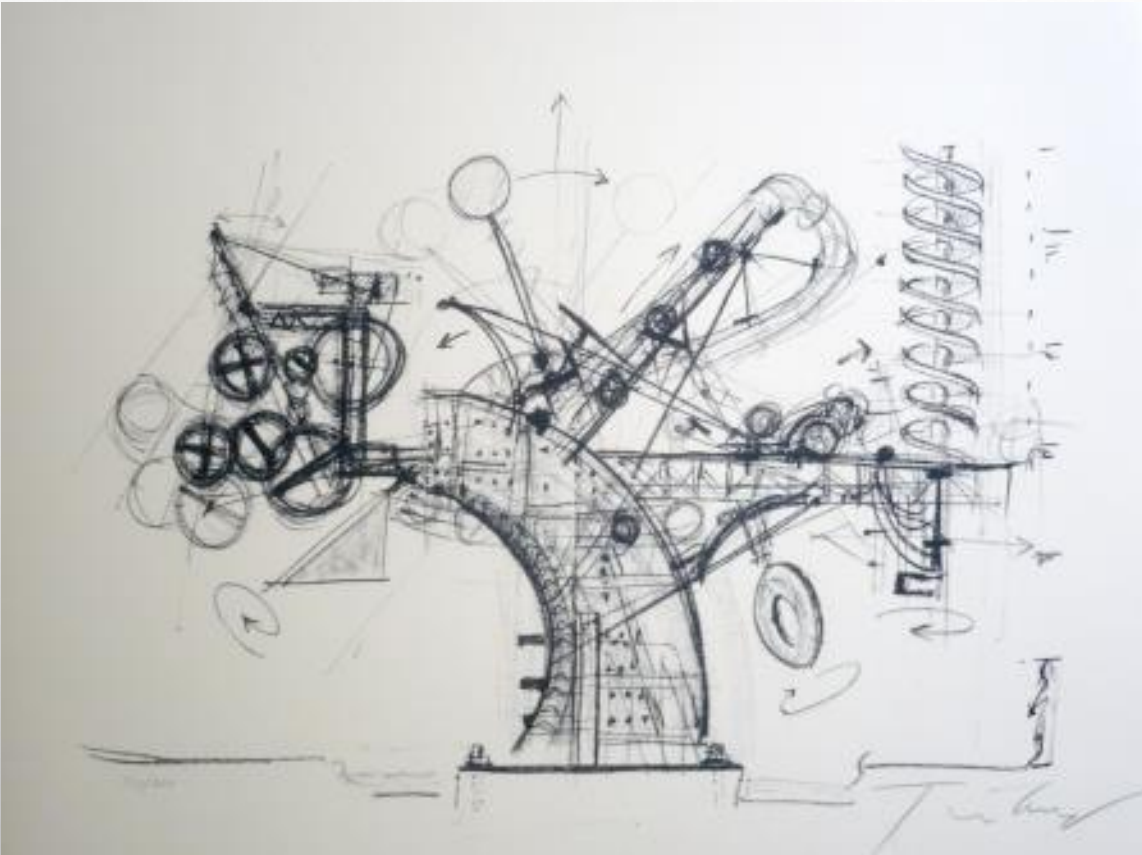
# VPLYVY VEDY NA UMENIE / UMENIE A KYBERNETIKA / POČIATKY ROBOTICKÉHO UMENIA

- KINETICKÉ UMENIE
- KYBERNETICKÉ SKULPTÚRY
- INSCENOVANIE TECHNOLOGIE
- ROBOTICKÉ UMENIE

- KINETICKÉ UMENIE: L.M. NAGY: LIGHT-SPACE MODULATOR (1922-30)  
[HTTPS://WWW.YOUTUBE.COM/WATCH?V=NVNF9A3AZSA](https://www.youtube.com/watch?v=NVNF9A3AZSA)
- BIO [HTTPS://WWW.YOUTUBE.COM/WATCH?V=VBZJ4ME3RK8](https://www.youtube.com/watch?v=VBZJ4ME3RK8)
  
- DUCHAMP: BICYCLE WHEEL 1913, ROTARY PLATES
- [HTTPS://WWW.YOUTUBE.COM/WATCH?V=OXCLJJ1Z0R0](https://www.youtube.com/watch?v=OXCLJJ1Z0R0)
- [HTTPS://WWW.YOUTUBE.COM/WATCH?V=TQYSNBBYB2U](https://www.youtube.com/watch?v=TQYSNBBYB2U) ABOUT READYMADE
  
- NAUM GABO: KINETICKÉ KONŠTRUKCIE, ASPEKT ČASU
- [HTTPS://WWW.YOUTUBE.COM/WATCH?V=BR9Z0WZWJBQ](https://www.youtube.com/watch?v=BR9Z0WZWJBQ)



# KINETICKÉ UMENIE



Jean Tinguely: Building "Chaos 1", 1974



## VPLYVY VEDY NA UMENIE / UMENIE A KYBERNETIKA / POČIATKY ROBOTICKÉHO UMENIA

- **JEAN TINGUELY- '50 - '60 – KINETICKÉ UMENIE - DISTURBATÍVNE INTERVENCIE DO ČASO-PRIESTORU**
- **JEAN TINGUELY : UNIVERSAL NEWSREELS (1960)**
- [HTTP://WWW.DAILYMOTION.COM/VIDEO/XCX4BN UNIVERSAL-NEWSREEL-JEAN-TINGUELY-19 CREATION](http://www.dailymotion.com/video/XCX4BN_UNIVERSAL-NEWSREEL-JEAN-TINGUELY-19_CREATION)
- **JEAN TINGUELY: ROTOZAZA II**
- [HTTP://VERNISSAGE.TV/BLOG/2010/11/30/JEAN-TINGUELY-ROTOZAZA-II-AT-MUSEUM-TINGUELY-BASEL/](http://vernissage.tv/blog/2010/11/30/jean-tinguely-rotozaza-ii-at-museum-tinguely-basel/)
- **JEAN TINGUELY- LE CYCLOP 1969** [HTTP://WWW.YOUTUBE.COM/WATCH?V=-SS4CSFAHCC](http://www.youtube.com/watch?v=-SS4CSFAHCC)
- **JEAN TINGUELY- MÉTA MATICS, 1959**  
[HTTP://WWW.BRITISHPATHE.COM/VIDEO/ROBOT-ART/QUERY/WILDCARD](http://www.britishpathe.com/video/robot-art/query/wildcard)
- JEAN TINGUELY: **HOMMAGE TO NEW YORK** 1960 [HTTP://VIMEO.COM/8537769](http://vimeo.com/8537769)
- JEAN TINGUELY: JEAN TINGUELY, STUDY FOR AN END OF THE WORLD NO.2 (1962)
- [HTTP://WWW.CRITICISMISM.COM/2017/02/22/JEAN-TINGUELY-STUDY-FOR-AN-END-OF-THE-WORLD-NO-2-1962/#STHASH.GI7E6UWF.DPBS](http://www.criticismism.com/2017/02/22/jean-tinguely-study-for-an-end-of-the-world-no-2-1962/#STHASH.GI7E6UWF.DPBS)



## VPLYVY VEDY NA UMENIE / UMENIE A KYBERNETIKA / POČIATKY ROBOTICKÉHO UMENIA

- BRITSKÝ NEUROLÓG, PIONIER ROBOTIKY:
- GREY WALTER: MACHINA SPECULATRIX – TURTLE 1953
- SPRÁVANIE NA ZÁKLADE SENZOROV SVETLA A ZVUKU
- [HTTPS://WWW.YOUTUBE.COM/WATCH?V=WQE82DEROOC](https://www.youtube.com/watch?v=WQE82DEROOC)
- REAKTÍVNY AUTONÓMNY ROBOT, SCHOPNÝ VYHÝBAŤ SA PREKÁŽKAM.
- ROBOT MÁ DVA SIMULOVANÉ NEURÓNY, KTORÉ EVOKUJÚ KOMPLEXNÉ SPRÁVANIE.
- IDE O PRVÚ DEMONŠTRÁCIU UMELEHO ŽIVOTA

## VPLYVY VEDY NA UMENIE / UMENIE A KYBERNETIKA / POČIATKY ROBOTICKÉHO UMENIA

- GORDON PASK: **MUSICOLOUR** 1953 - MUSICAL CYBERNETIC SYSTEM
- TEACHING AND LEARNING MACHINES :
- «SAKI» (1956), «CASTE» (1972), «THOUGHTSTICKER» (1974)
- PUBLIKÁCIE:
- «AN APPROACH TO CYBERNETICS» (1961),
- «CONVERSATION, COGNITION AND LEARNING» (1975) AND «CONVERSATION THEORY» (1976)
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=YT-FXMZF9WQ&FEATURE=RELATED](http://www.youtube.com/watch?v=YT-FXMZF9WQ&feature=related)

# ROBOTIC ART I.

- NICOLAS SCHÖEFFER: CYSP | **CYBERNETIC SPATIODYNAMIC SCULPTURE**)
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=GJD27TJLOAQ](http://www.youtube.com/watch?v=GJD27TJLOAQ)
- 1948: SPATIODYNAMISM  
1957: LUMINODYNAMISM  
1959: CHRONODYNAMISM
- **LUMINO DYNAMICS**
- [HTTP://WWW.BRITISHPATHE.COM/VIDEO/LUMINO-DYNAMICS](http://www.britishpathe.com/video/lumino-dynamics)
- **TECHNICKÝ POPIS A FOTOGRAFIE:**
- [HTTP://CYBERNETICZOO.COM/?P=815](http://cyberneticzoo.com/?p=815)

• MAĎARSKÝ DOKUMENT O RODÁKOVI SCHÖFFER  
MIKLÓSOVI:

• [HTTP://WWW.YOUTUBE.COM/WATCH?V=BX6  
DANL4KLI&FEATURE=RELATED](http://www.youtube.com/watch?v=BX6DANL4KLI&feature=related)

• **NICOLAS SCHÖFFER, CHRONOS 5, 1960 :**

• [HTTP://WWW.YOUTUBE.COM/WATCH?V=GU7D06VJ-  
U0&FEATURE=RELATED](http://www.youtube.com/watch?v=GU7D06VJ-U0&feature=related)

# ROBOTICKÉ UMENIE\_ROZDELENIE

- PODĽA SPÔSOBU PRÁCE:
- **1. OVLÁDANIE NA DIAĽKU (REMOTE CONTROLL)**
- NAM JUNE PAIK: ROBOT K456 ( 1965)
- [HTTP://WWW.BRITISHPATHE.COM/VIDEO/ACTION-MUSIC-IN-BERLIN](http://www.britishpathe.com/video/action-music-in-berlin)
- [HTTP://CYBERNETICZOO.COM/?P=3437](http://cyberneticzoo.com/?p=3437) - PICTURES
- A TRIBUTE TO JOHN CAGE / ROBOT K456:
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=ZOJIQUTMNSS](http://www.youtube.com/watch?v=ZOJIQUTMNSS)
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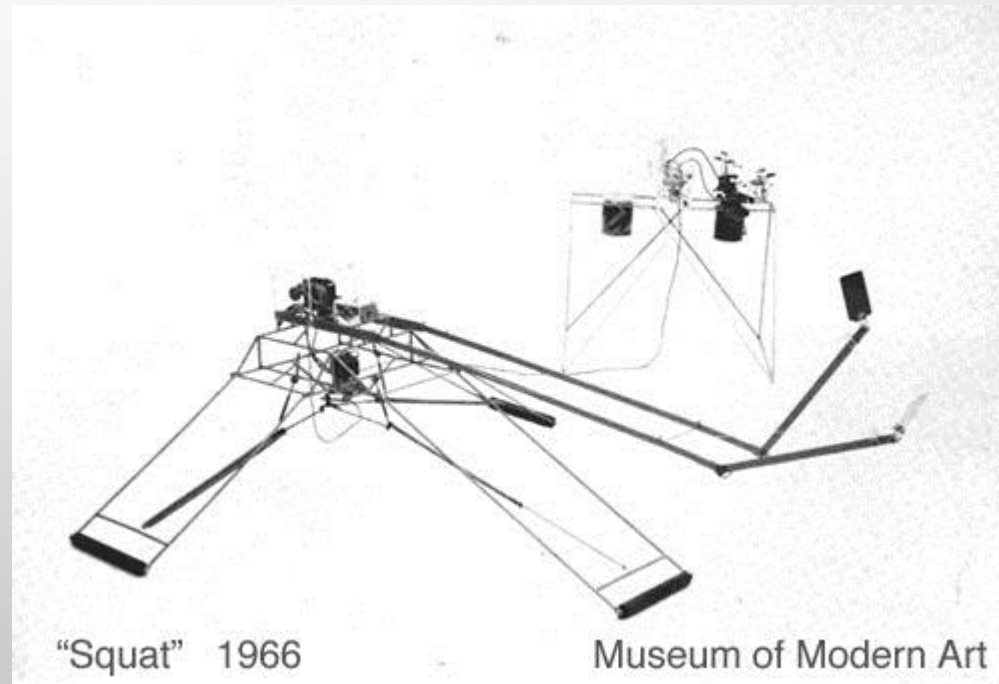
# HOMEWATCH

- HOW ARTIFICIAL INTELLIGENCE WILL MAKE TECHNOLOGY DISAPPEAR  
| RAND HINDI | TEDXÉCOLEPOLYTECHNIQUE
- [HTTPS://WWW.YOUTUBE.COM/WATCH?V=U88YA9KRTBK](https://www.youtube.com/watch?v=U88YA9KRTBK)



# ROBOTICKÉ UMENIE\_ROZDELENIE

- 2. SPOJENIE ORGANICKÉHO A STROJOVÉHO KYBERNETIKA
- TOM SHANNON: SQUAT 1966

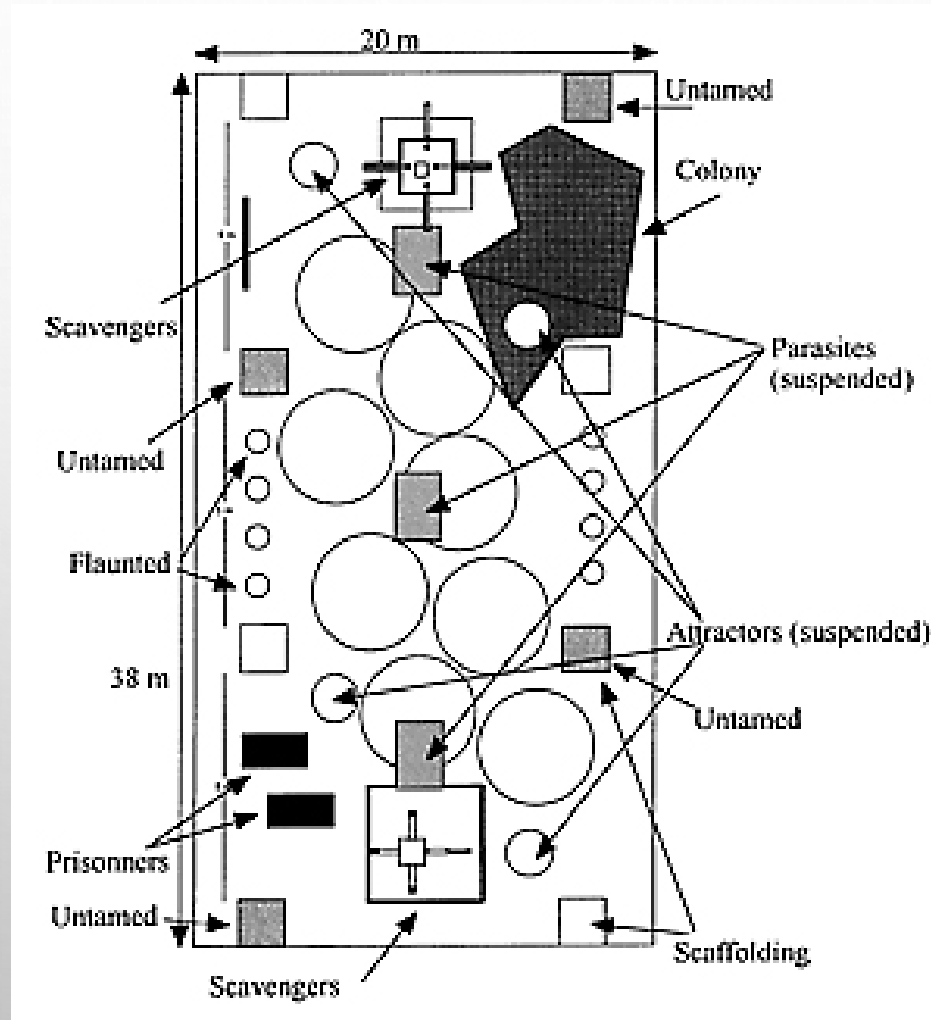


# ROBOTICKÉ UMENIE\_ROZDELENIE

- **3. AUTONÓMIA STROJA A AI**
- EDWARD IHNATOWICZ : SENSTER 1969-1970
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=1JDT5UNARNK&FEATURE=RELATED](http://www.youtube.com/watch?v=1JDT5UNARNK&feature=related)

# ROBOTICKÉ PERFORMANCE

- LOUIS PHILIPPE DEMERS A BILL VORN: NO MAN'S LAND 1996, INTERACTIVE ROBOTIC INSTALLATION [HTTP://WWW.YOUTUBE.COM/WATCH?V=OPBD8HOQNVY](http://www.youtube.com/watch?v=OPBD8HOQNVY)



# LOUIS PHILIPPE DEMERS A BILL VORN

- LOUIS PHILIPPE DEMERS A BILL VORN : **THE TRIAL / LÉ PROCES: ROBOTIC PERFORMANCE**
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=AV6CHAWH2KI](http://www.youtube.com/watch?v=AV6CHAWH2KI)
- LOUIS PHILIPPE DEMERS A BILL VORN: FRENCHMAN LAKE: 1995, INTERACTIVE ROBOTIC INSTALLATION
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=BNB4YOWFXMY](http://www.youtube.com/watch?v=BNB4YOWFXMY)
- ROBOTICKÉ TANEČNÉ PERFORMANCE: DEVOLUTION (AUSTRALIAN DANCE THEATRE)
- [HTTP://WWW.PROCESSING-PLANT.COM/WEB\\_CSI/INDEX.HTML#PROJECT=CALENDAR](http://www.processing-plant.com/web_csi/index.html#project=calendar)
- **THE ROBOTIC ART PROJECT HYSTERICAL MACHINES/ BILL VORN PERFORMED IN THE HEXAGRAM BLACK BOX. 2006**
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=TBEIWOI-HYM&FEATURE=RELATED](http://www.youtube.com/watch?v=TBEIWOI-HYM&feature=related)

- **BEDLAM : ROBOTIC ART PROJECT, BILL VORN AND SIMON PENNY**
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=4SNPIAN4Z8G](http://www.youtube.com/watch?v=4SNPIAN4Z8G)
  
- GRACE STATE MACHINES IN THE HEXAGRAM BLACK BOX,  
[HTTP://BILLVORN.CONCORDIA.CA/ROBOGRAPHY/GRACESTATE.HTML](http://billvorn.concordia.ca/roboigraphy/gracestate.html)
  
- LOUIS-PHILIPPE DEMERS / THE BLIND ROBOT  
[HTTPS://WWW.YOUTUBE.COM/WATCH?V=CVMLPVTCH2O](https://www.youtube.com/watch?v=CVMLPVTCH2O)
  
- KEN RINALDO:AUTOPOIESIS 2000
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=QLYVF83QRRC](http://www.youtube.com/watch?v=QLYVF83QRRC)

- **SURVIVAL RESEARCH LABORATORY: 1997**
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=KVWO-OV1NRC](http://www.youtube.com/watch?v=KVWO-OV1NRC)
- **SRL 2012 :** [HTTP://WWW.YOUTUBE.COM/WATCH?V=1KZMO-JLKRS](http://www.youtube.com/watch?v=1KZMO-JLKRS)
- [MAKING OF:](#)
- [HTTP://WWW.YOUTUBE.COM/WATCH?FEATURE=PLAYER\\_EMBEDDED&V=BJF1ZOAD-AI#!](http://www.youtube.com/watch?feature=player_embedded&v=BJF1ZOAD-AI#!)
  
- **SRL - A PLAN FOR SOCIAL IMPROVEMENT. AMSTERDAM, 1988**
- [HTTP://WWW.YOUTUBE.COM/WATCH?V=JXZR6BD31IO](http://www.youtube.com/watch?v=JXZR6BD31IO)