

Universitatea “Politehnica” din Timisoara

***METODE DE CERCETARE
BIBLIOGRAFICA SI DE EVALUARE
A CALITATII RESURSELOR***

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1. Tehnologia informatiei ca si unealta de cercetare

- ▶ Impartasirea experientei de cercetare utilizand IT
- ▶ comunicarea intre colegi, crearea echipei de cercetare: local, national, international
- ▶ crearea unui site personal care sa contina tema de cercetare, lucrari publicate, domenii de interes
- ▶ comunicarea si introducerea de informatii in blogs – participarea pe forumuri/blogs specializate
- ▶ Comunicarea si introducerea de informatii in retele tematice
- ▶ Utilizarea Campusului Virtual al UPT



Google

- ▶ Cautare – Scholar <http://scholar.google.com/>
- ▶ Utilizatorul trebuie sa posede cont google de tip gmail
- ▶ Gmail, igoogole, maps, images (Picassa)
- ▶ Documente (doc, xls, ppt)
- ▶ <http://docs.google.com/?hl=ro&tab=wo#all>
- ▶ Site
- ▶ <http://sites.google.com/?tab=o3&pli=l>
- ▶ blog
- ▶ <https://www.blogger.com/start?hl=ro&pli=l>
- ▶ Language
- ▶ http://www.google.com/language_tools?hl=en
- ▶ Books
- ▶ <http://books.google.com/bkshp?hl=en&tab=wp>
- ▶ Labs
- ▶ <http://labs.google.com/>



Motoare de cautare - alte

- ▶ <http://www.deepdyve.com/> - motor de identificare si inchiriere de resurse
- ▶ <http://www.wolframalpha.com/> Motor de cautare semantic
- ▶ <http://www.hakia.com> Motor de cautare semantic
- ▶ <http://dogpile.com/> generator motor de cautare
- ▶ <http://citeseer.ist.psu.edu/>



Cautarea practica:

- ▶ <http://scholar.google.com/>
- ▶ [Advanced Scholar Search](#)
- ▶ [Scholar Preferences](#)
- ▶ [Scholar Help](#)



cautare

- ▶ Kinshuk
- ▶ <http://www.google.com/search?source=ig&hl=en&rlz=IGIGGLQ ENRO307&=&q=kinshuk&btnG=Google+Search&aq=f>
- ▶ <http://scholar.google.com/scholar?q=kinshuk&hl=en&lr=&btnG=Search>
- ▶ Steve Wheeler
- ▶ <http://www2.plymouth.ac.uk/distancelearning/steve.html>



Rezultat Scholar

- ▶ [Comparing algorithm for dynamic speed-setting of a low-power CPU](#) - ▶ [stanford.edu](#) **[PS]**

K Govil, E Chan, H Wasserman - Proceedings of the 1st annual international conference on ..., 1995 - portal.acm.org

To take advantage of the full potential of ubiquitous computing, we will need

systems which minimize power- consumption. Weiser et al. and others have

suggested that this may be accomplished by a CPU which dynam- ically ...

[Cited by 336](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 8 versions](#)



cautare

- ▶ **E-learning**

- ▶ <http://www.google.com/search?hl=en&rlz=IGIGGLQ ENRO307&q=e-learning&btnG=Search>

- ▶ <http://scholar.google.com/scholar?hl=en&lr=&q=e-learning&btnG=Search>

- ▶ **Cautare lucrare dorita fara acces la baza de date**

- ▶ http://www.sciencedirect.com/science?_ob=ArticleURL& udi=B6W4X-45679XY-C& user=10& rdoc=1& fmt=& orig=search& sort=d&view=c& acct=C000050221& version=1& urlVersion=0& userid=10&md5=7ed2e21e58e8b524643f82c768723b42

- ▶ <http://www.google.com/search?hl=en&rlz=IGIGGLQ ENRO307&q=%22Thavamalar+Govindasamy%22&btnG=Search>



BLOG

- ▶ *Definitie:*
- ▶ A **blog** (or **weblog**) is a website in which messages are posted and displayed with the newest at the top. Like other media, blogs often focus on a particular subject, such as food, politics, or local news. Some blogs function as online diaries. A typical blog combines text, images, and links to other blogs, web pages, and other media related to its topic. Since its appearance in 1995, blogging has emerged as a popular means of communication, affecting public opinion and mass media around the world.
- ▶ **Blog personal in CVUPT**
 - ▶ Exista site care ofera gazduire de blogs:
 - ▶ <http://www.blogger.com/>
 - ▶ <http://wordpress.com/>



Stephen Downes



BLOG

- ▶ <http://www.timsoft.ro/weblog/index.php>
- ▶ <http://steve-wheeler.blogspot.com/>
- ▶ <http://www2.plymouth.ac.uk/distancelearning/steve.html>
- ▶ <http://fraser.typepad.com/edtechuk/> - al unei studente la doctorat
- ▶ <http://edtechpost.ca/mt/>
- ▶ <http://googleblog.blogspot.com/>

- ▶ e-learning
- ▶ <http://www.downes.ca/>
- ▶ <http://www.elearnspace.org/blog/>



WIKI

- ▶ Wikipedia
- ▶ Nu este resursa academica, dar poate fi prima sursa de informatie
- ▶ www.wikipedia.org
- ▶ <http://en.wikipedia.org/wiki/Elearning>
- ▶ Wiki - subiectul de cercetare – crearea unui nou articol wiki





Search Wiki:

-- Choose Wiki Links --

-- Administration --

Wiki despre tendinte actuale in multimedia

View Edit Links History

Reload this page

Tendinte multimedia

- Tehnologii moderne
- Ce sunt PDA-urile?
- Tendinte
- Viziune
- DLNA
- Multitouch screen
- CUBIT
- Perceptive Pixel
- MPIS
- Promethean Multiuser Activboard
- Notebook compact
- LED TV

Tehnologii moderne

Aplicatiile multimedia au transformat relatiile dintre fiintele umane. Ele au simplificat si au imbunatatit relatia dintre oameni si aparate. Descoperirile tehnologiei au dus la miniaturizarea componentelor electronice si au creat astfel calculatoare din ce in ce mai mici si, prin urmare, mai usor de transportat. Calculatoarele portabile pot fi dotate cu o unitate CD-Rom, un modem si un telefon mobil. Astfel putem telefona usor, putem trimite si primi faxuri sau putem intra in retea Internet, oriunde ne-am afla. Pe piata si-au facut aparitia PDA-urile.

Ce sunt PDA-urile?

PDA (Personal Digital Assistant) reprezinta o adevarata centrala de comunicare fara fir. Ea combina functiile unei agende electronice, ale unui repertoar telefonic, ale procesorului de texte, ale Minitelului, ale faxului si ale postei electronice. Toate datele inregistrate pe PD pot fi transferate pe un calculator. Probabil ca in curand vor fi puse in vanzare si alte aparate mobile.

Tendinte

Se lucreaza, de exemplu, la realizarea unor ecrane de televizor plate si subtiri, groase de numai cativa milimetri. Printre altele, ecranele portabile de dimensiunea unei carti in format de buzunar vor permite incarcarea directa a paginilor unui ziar sau ale unui roman pe un calculator portabil. Generatia urmatoare

Caracteristicile se orienteaza acum spre eliminarea intermediarilor cum sunt mouse-ul, tastatura sau manusa cu date pentru a putea da instructiunile

Crearea “network”

- ▶ <http://twitter.com/>
- ▶ <http://www.linkedin.com/>
- ▶ <http://www.ning.com/>
- ▶ <http://academia.edu/>
- ▶ <http://www.researchgate.net>
- ▶ <http://weread.com/>
- ▶ <http://www.plaxo.com/>

- ▶ http://www.ieee.org/membership_services/index.html#sect3



2. Informatia calitativa

- ▶ Ce trebuie sa gasesti intr-o pagina web ca sa identifici sursa:
 - ▶ Validitatea (info copyright, ultima data postata)
 - ▶ Reputatia sursei de informare
 - ▶ Recenzia de catre persoane autorizate
 - ▶ Institutia care publica
 - ▶ Autorul
 - ▶ Data
 - ▶ Contextul
 - ▶ Referinte citate, citarea in alte lucrari
 - ▶ Relevanta



2. Informatia calitativa

- ▶ Ce trebuie sa gasesti intr-o pagina ca sa identifici sursa
 - ▶ Relevanta fata de subiect
 - ▶ - cuprinzator
 - ▶ - unicitatea
 - ▶ - compozitia lucrarii



Accesarea validitatii:

- ▶ recomandarea altora: implicita si explicita
- ▶ autori recunoscuti
- ▶ reproducerea sau existenta lucrarii originale
- ▶ organizatia / institutia
- ▶ site jurnal, baze de date online recunoscute
- ▶ recunoasterea termenilor consacratii
- ▶ utilizarea de portaluri consacrate
- ▶ se prefera site cu : .edu, .ac.uk, .org, .net
- ▶ se trateaza cu precautie site cu: .com, pagini fara evidenta copyright si data de publicare, redirectionari tendentioase
- microsoft.com



Salvarea Informatiei si citarea

- ▶ tipariti si pastrati copii pe hartie
- ▶ site si pagini web sunt in continua miscare si modificare (capturi de ecran, salvari)
- ▶ cautati intotdeauna ultima varianta a unei lucrari sau publicatii
- ▶ arhiva; google (cache sau arhiva online) sau www.archive.org pentru arhive de pagini web disparute
- ▶ citarea trebuie sa contina adresa web exacta si data cand a fost accesata



▶ Exemplu:

- ▶ Goldstein, M. L. (2004) Problems with fitting to the power-law distribution. The European Physical Journal B 41(2) at [http://www.springerlink.com/\(flsv102c2enufhabuq4c5055\)/app/home/contribution.asp?referrer=parent&backto=issue,1,18;journal,184,197;linkingpublicationresults,1:101159,1&displayreferrers=true#referrers](http://www.springerlink.com/(flsv102c2enufhabuq4c5055)/app/home/contribution.asp?referrer=parent&backto=issue,1,18;journal,184,197;linkingpublicationresults,1:101159,1&displayreferrers=true#referrers) Last accessed at 5/04/2006



Crearea Bibliotecii personale

- ▶ <http://www.citeulike.org/>
- ▶ <http://digg.com/>
- ▶ <http://www.diigo.com/>
- ▶ <http://www.delicious.com/> - online bookmarks
- ▶ <http://www.stumbleupon.com/>



Citarea

- ▶ IEEE Style
- ▶ Harvard Style

Referencing

- ▶ VERY important in professional writing
- ▶ Provides justification for the developing argument (...*shoulders of giants*)
- ▶ Gives the reader the means to follow-upon the paper's theme
- ▶ Should follow a particular (given?) style - consistency

Referencing styles

- ▶ There are many referencing styles
- ▶ Journals/ conferences will have their own preferred style (authors' guides)
- ▶ Be consistent
- ▶ IT prefers the IEEE or the Harvard Style
- ▶ Many other guides available in book form and online

▶

Annotated bibliographies

▶

Citarea

- ▶ Software local:
- ▶ EndNote <http://www.endnote.com/>
- ▶ BibTex <http://www.bibtex.org/>

- ▶ Software online
- ▶ <http://www.zotero.org/>
- ▶ <http://www.easybib.com/>



Baze de date online

- ▶ <http://www.library.upt.ro/> - resurse electronice
 - ▶ http://aleph.library.upt.ro/F/?func=option-update-Ing&file_name=find-b&F2=pc-latin&P_CON_LNG=RUM
 - ▶ http://library.upt.ro/index.html?resurse&47motoare&Baze_de_date_online&7
 - ▶ <http://library.upt.ro/index.html?colectii&22periodice&Periodice&2>
 - ▶ [Safari tech books online](#) – conține cărți full text din domeniul IT. Pot fi descărcate;

 - ▶ Elsevier
 - ▶ http://www.elsevier.com/wps/find/homepage.cws_home
 - ▶ <http://www.sciencedirect.com/>
 - ▶ Ingenta
 - ▶ <http://www.ingentaconnect.com/>
 - ▶ IEEE
 - ▶ <http://www.ieee.org/portal/site>
 - ▶ ASME
 - ▶ <http://www.asme.org/>
 - ▶ Taylor & Francis
 - ▶ <http://taylorandfrancis.metapress.com/>

 - ▶ <http://europeana.eu/portal/>
-



Free ebooks, libraries

- ▶ <http://www.gutenberg.org/>
- ▶ <http://onlinebooks.library.upenn.edu/>
- ▶ <http://www.questia.com/>
- ▶ <http://books.google.com/books?um=1&q=&btnG=Search+Books>
- ▶ <http://www.ebooks.com/>

- ▶ Pe site personale (ex. Jon Dron): link-uri la resurse
- ▶ <http://www.cofind.net/>
- ▶ <http://jondron.cofind.net/>

- ▶ <http://www2.plymouth.ac.uk/distancelearning/steve.html>



Enciclopedii / Citari

- ▶ Wikipedia

- ▶ <http://www.wikipedia.org/>

- ▶ <http://www.britannica.com/>

- ▶ www.encyclopedia.com/

- ▶ encarta.msn.com/

- ▶ Citari ISI Thompson: ISI Web of Science and Knowledge

- ▶ <http://www.isinet.com/>

- ▶ <http://www.isiwebofknowledge.com/>

- ▶ <http://scientific.thomson.com/products/wos/>

- ▶ citari

- ▶ <http://citeseer.ist.psu.edu/>



Libraries - lista aleatoare de biblioteci online free:

- ▶ [The Friedrich Hayek Scholars' Page](#)
 - ▶ [History of Economic Thought](#)
 - ▶ [Bartleby](#)
 - ▶ [American Philosophy Texts](#)
 - ▶ [FindLaw - U.S. Constitution](#)
 - ▶ [The Online Books Page](#)
 - ▶ [Athena E-texts](#)
 - ▶ [The Karl Popper Web](#)
 - ▶ [Mises Bibliography](#)
 - ▶ [Gallica](#)
 - ▶ [16th-18th Century Philosophers](#)
 - ▶ [Gallica Utopie](#)
 - ▶ [The Online Medieval and Classical Library](#)
 - ▶ [The Online Library of Liberty](#)
 - ▶ [Lonang Library](#)
 - ▶ [Les classiques des sciences sociales](#)
 - ▶ [EconLib](#)
 - ▶ [Archive for the History of Economic Thought](#)
 - ▶ [Laureați Nobel economie](#)
 - ▶ [Online Economics Textbooks](#)
 - ▶ [The Avalon Project \(Yale\)](#)
 - ▶ [Constitution.org](#)
 - ▶ [The Constitutional Dictionary](#)
 - ▶ [Project Gutenberg](#)
-
- ▶ [Gallica Classique](#)
 - ▶ [Philosophie Éducation Culture](#)

Alte resurse:

- ▶ MIT Open Course Ware
- ▶ <http://ocw.mit.edu/OcwWeb/web/home/home/index.htm>
- ▶ Academic Earth <http://academicearth.org/>
- ▶ <http://books.google.com/>
- ▶ <http://blogsearch.google.com/>
- ▶ <http://www.ebooks.com/>
- ▶ <http://www.netlibrary.com/>
- ▶ <http://www.gutenberg.org/> - proiect al unor univ. din SUA
- ▶ <http://www.ereader.com/>
- ▶ <http://www.amazon.com/> - contine o selectie de eBooks
- ▶ <http://etext.library.adelaide.edu.au/>
- ▶ <http://www.springerlink.com/>



Referinte

The Craft of Research (Chicago Guides to Writing, Editing and Publishing)

[WC Booth](#)

How to Research

[Lorraine Blaxter](#), [Christina Hughes](#), [Malcolm Tight](#)

Writing Scientific Research Articles: Strategy and Steps

[Margaret Cargill](#) (Author), [Patrick O'Connor](#)

How to Get a PhD - 4th edition: A Handbook for Students and their Supervisors (Study Skills)

[Estelle Phillips](#) (Author), [Derek.S. Pugh](#)

How to Write a Thesis – Rowena Murray

