

CONFERENCE TECHNICAL COMPUTING PRAGUE 2009

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The programming and visualization environment MATLAB created by the MathWorks company established in 1984 is one of the most important mathematical computing systems all over the world. At present it belongs together with its toolboxes among standard software tools used both for educational and research purposes and it creates the integration environment for different research disciplines. Detail information are available on address

<http://www.MATHWORKS.com>
<http://www.HUMUSOFT.cz>

The communication between users of this system is able through the CSMUG discussion group (Czech and Slovak Matlab User Group) with detail information available on address

<http://dsp.vscht.cz/csmug.cz.html>

At present there is 166 registered members of this group belonging to 32 universities and research institutes. The most active of them include the Czech Technical University, Czech Academy of Sciences, Institute of Chemical Technology in Prague and the Charles University. Discussion is allowed for members only but it is possible to sign for anybody using web address

<http://listserv.vscht.cz/mailman/listinfo/CSMUG>

The communication between group members is possible sending questions and answers to address

csmug@vscht.cz

MATLAB users meet regularly on the international scientific conference with its present name *Technical Computing* to present results of research work and pedagogical activities using this environment. All contributions collected during last 10 years are available for anybody from the address of the discussion group. During the last year 30 068 papers have been successfully downloaded from this address with the time distribution of papers summarized in Tab. 1 and identification of the most frequently downloaded papers given in Tab. 2.

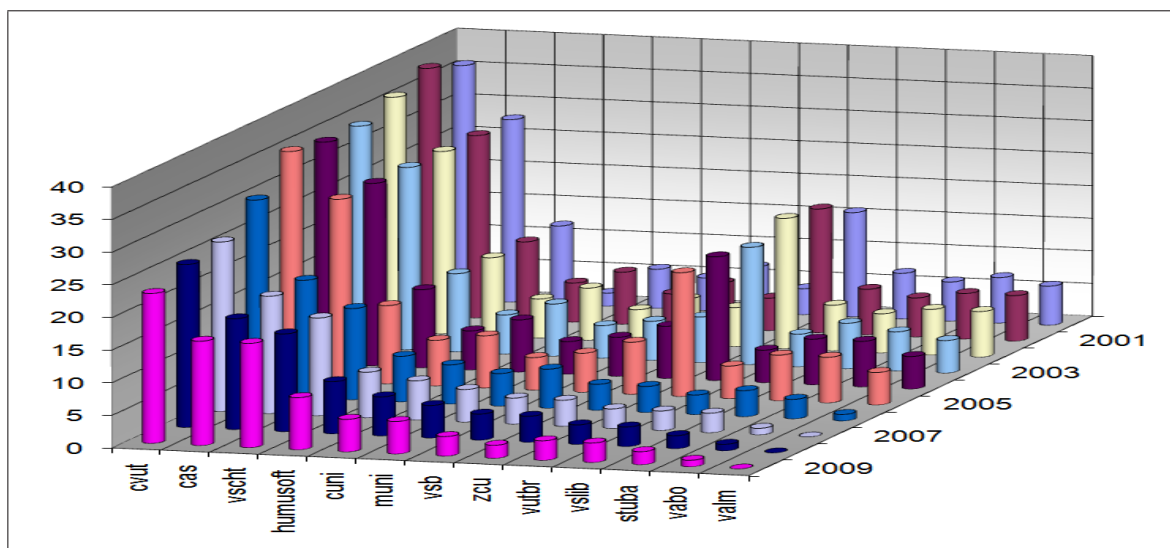


Figure 1: The development of the number of CSMUG members during years 2000 - 2009

Table 1: STATISTICS OF THE SUCCESSFULLY DOWNLOADED PAPERS FROM THE WWW SERVER OF THE TECHNICAL COMPUTING (MATLAB) CONFERENCE DURING THE PERIOD 1/10/2008 - 30/9/2009

<i>Year of the Conference</i>	<i>Number of Contributions in Conference Proceedings</i>	<i>Number of Papers Downloaded</i>
1999	42	571
2000	67	1733
2001	70	1469
2002	105	1978
2003	105	2921
2004	100	2624
2005	128	4405
2006	108	4235
2007	129	6092
2008	111	4040
Celkem	965	30068

Table 2: SUMMARY OF THE MOST FREQUENTLY DOWNLOADED PAPERS FROM THE WWW SERVER OF THE TECHNICAL COMPUTING (MATLAB) CONFERENCE DURING THE PERIOD 1/10/2008 - 30/9/2009

<i>Number of Downloads</i>	<i>Contribution</i>	<i>Number of Downloads</i>	<i>Contribution</i>
841	07/kladivko.k.pdf	195	06/vondrich_thondel.pdf
502	00/ondracka.pdf	193	05/potuckova.pdf
443	05/mudrova.pdf	180	07/balda_m.pdf
372	04/kratochvil.pdf	160	01/bobal.pdf
365	06/vaseghi_jetelova.pdf	154	08/030_farkas.pdf
295	05/brandt.pdf	153	08/057_kladivko.pdf
294	05/ondera.pdf	153	07/svejda_grepl.pdf
280	03/kratochvil.pdf	152	06/marcek_milan2.pdf
269	07/jedlicka_potuckova.pdf	149	05/vojtsek.pdf
255	03/smids.pdf	147	07/kofranek_rusz.pdf
235	07/hostalkova_prochazka.pdf	147	07/grepl_lee.pdf
230	07/maly_rajmic.pdf	146	05/steinbauer.pdf
206	02/blaha.pdf	145	07/skrabanek_dusek.pdf

At the end it is necessary to express thanks to all active participants of the International Conference on Technical Computing Prague 2009 for contributions presenting their research and educational work. Special thanks belongs also to the HUMUSOFT company representing the MathWorks Company in the Middle Europe for regular organization of conferences devoted to the interdisciplinary MATLAB computing environment.