

CONFERENCE TECHNICAL COMPUTING PRAGUE 2008

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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 175 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 9 years are available for anybody from the address of the discussion group. During the last year 38 522 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.

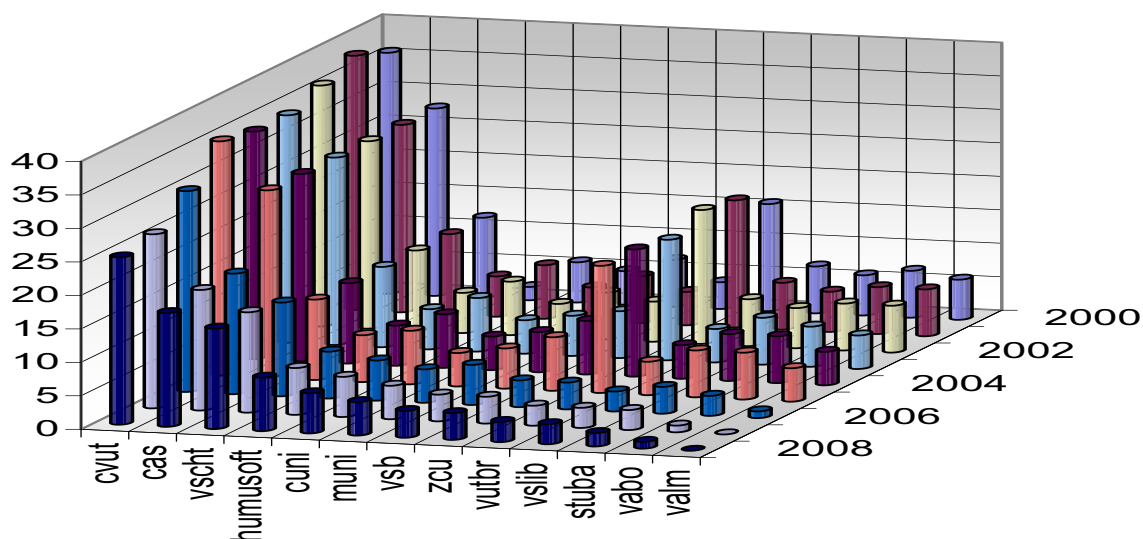


Figure 1: The development of the number of CSMUG members during years 2000 - 2008

Table 1: STATISTICS OF THE SUCCESSFULLY DOWNLOADED PAPERS FROM THE WWW SERVER OF THE TECHNICAL COMPUTING (MATLAB) CONFERENCE DURING THE PERIOD 1/10/2007 - 30/9/2008

<i>Year of the Conference</i>	<i>Number of Contributions in Conference Proceedings</i>	<i>Number of Papers Downloaded</i>
1999	42	1288
2000	67	2742
2001	70	2873
2002	105	3510
2003	105	4708
2004	100	5142
2005	128	7949
2006	108	5109
2007	129	5201
Total	854	38522

Table 2: SUMMARY OF THE MOST FREQUENTLY DOWNLOADED PAPERS FROM THE WWW SERVER OF THE TECHNICAL COMPUTING (MATLAB) CONFERENCE DURING THE PERIOD 1/10/2007 - 30/9/2008

<i>Number of Downloads</i>	<i>Contribution</i>	<i>Number of Downloads</i>	<i>Contribution</i>
554	04/kratochvil.pdf	154	06/gavlasova_prochazka_mudrova.pdf
409	00/ondracka.pdf	153	05/achtenova.pdf
363	05/ondera.pdf	152	06/chvostek_foltin2.pdf
315	05/brandt.pdf	152	05/kratochvil.pdf
279	05/mudrova.pdf	141	07/balda_m.pdf
231	07/nardinocchi_svaton.pdf	140	07/skrabanek_dusek.pdf
223	05/vojtesek.pdf	138	05/hruska1.pdf
207	06/danek.pdf	131	07/kofranek_rusz.pdf
201	07/kladivko_k.pdf	131	05/rund2.pdf
166	05/potuckova.pdf	131	04/pavelka.pdf
165	04/kubicek.pdf	127	03/hromcik1.pdf
164	00/zapl.pdf	126	06/tesar_bartos.pdf
159	06/vaseghi_jetelova.pdf	126	05/steinbauer.pdf

At the end it is necessary to express thanks to all active participants of the International Conference on Technical Computing Prague 2008 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.