Short Curriculum Vitae of Martin Plátek, CSc.

Degrees:
- graduated in numerical mathematics, Faculty of Mathematics and Physics, Charles Univ. Prague (FMP CU), 1969;
- Ph.D. (CSc.): Charles Univ. Prague, PhD. thesis "On serial and parallel compositions of push-down transducers",1981;

Employment:
- 1969 – 1970 lecturer at the Dept. of mathematics, Institute of Chemical Technology, Prague,
- 1970 – 1973 PhD. student at Philosophical faculty of Charles University,
- 1974 technologist at MFF UK,
- 1977 senior lecturer at MFF UK,
- 1983 researcher at MFF UK,
- 1995 senior researcher (samostatný vědecký pracovník);

Stays abroad - short invited stays: Universities of Jena, Saarland , Kassel (regularly), Bucharest, Paris, Wroclaw

Current research interest: theory of automata and grammars, complexity, computational linguistic, and mutual relationships between the listed domains

Current teaching: theory of automata and languages, parsing schemata

Grants: 4 times leader or co-leader, several participations

Publications: over 100 papers in journals and conference proceedings, 1 book chapter etc.

Eight Selected Papers:

1. M. Plátek, P. Sgall: Scale of context sensitive languages - Applications to natural-language. *INFORMATION AND CONTROL*, **38** (1): 1-20, 1978,

2. M. Lopatková,M. Plátek, V. Kuboň: Modeling syntax of free word-order languages: Dependency analysis by reduction. In: TEXT, SPEECH AND DIALOGUE, PROCEEDINGS, LNAI, **3658**: 140-147, 2005,

3. P. Jančar, F. Mráz, M. Plátek, J. Vogel: On restarting automata with rewriting. In: NEW TRENDS IN FORMAL LANGUAGES, LNCS, **1218**: 119-136, 1997,

4. T. Jurdziňski, F. Otto, F. Mráz, M. Plátek: On the complexity of 2-monotone restarting automata. In: Proc. of DLT 2004, LNCS, **3340**: 237-248, 2004,

5. T. Jurdziňski, F. Otto, F. Mráz, M. Plátek: Monotone deterministic RL-automata don't need auxiliary symbols. In: Proc. of DLT 2005, LNCS, **3572**: 284-295, 2005,

6. P. Jančar, F. Mráz, M. Plátek: Forgetting automata and context-free languages. *ACTA INFORMATICA* **33** (5): 409-420, 1996,

7. T. Jurdziňski, F. Otto, F. Mráz, M. Plátek: Degrees of no-monotonicity for restarting automata. *THEORETICAL COMPUTER SCIENCE*, **369**(1-3): 1-34, 2006,

8. T. Jurdziňski, F. Otto, F. Mráz, M. Plátek: Deterministic two-way restarting automata and Marcus contextual grammars. *FUNDAMENTA INFORMATICAE*, **64**, (1-4), 217-228, 2005,