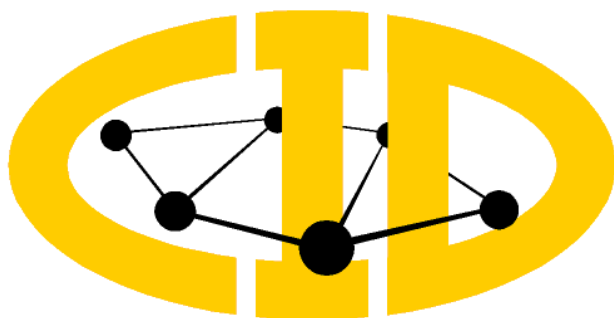




**11th WORKSHOP
ON GRAPH THEORY**

**Colourings, Independence
and Domination**

Karpacz 2005, September 18-23

INVITED SPEAKERS

Michael A. Henning (Pietermaritzburg, South Africa)
Gyula O.H. Katona (Budapest, Hungary)
Tomasz Łuczak (Poznań, Poland)
Peter Mihók (Košice, Slovakia)
Michael D. Plummer (Tennessee, USA)
Zsolt Tuza (Budapest, Hungary)
Xuding Zhu (Kaohsiung, Taiwan)

PARTICIPANTS

1. **Mehdi Alaeiyan** (Tehran, Iran)
2. **Marcin Anholcer** (Poznań, Poland)
3. **Martin Bača** (Košice, Slovakia)
4. **Gábor Bacsó** (Budapest, Hungary)
5. **Tomasz Bartnicki** (Zielona Góra, Poland)
6. **Halina Bielak** (Lublin, Poland)
7. **Mieczysław Borowiecki** (Zielona Góra, Poland)
8. **Piotr Borowiecki** (Zielona Góra, Poland)
9. **Krzysztof Bryś** (Warsaw, Poland)
10. **Joanna Cyman** (Gdańsk, Poland)
11. **Ewa Drgas-Burchardt** (Zielona Góra, Poland)
12. **Tomasz Dzido** (Gdańsk, Poland)
13. **Zyta Dziechcińska-Halamoda** (Opole, Poland)
14. **Anna Fiedorowicz** (Zielona Góra, Poland)
15. **Agnieszka Görlich** (Kraków, Poland)
16. **Jarosław Grytczuk** (Zielona Góra, Poland)
17. **Mariusz Hałuszczak** (Zielona Góra, Poland)
18. **Jochen Harant** (Ilmenau, Germany)
19. **Adam Idzik** (Warsaw, Poland)
20. **Stanislav Jendrol'** (Košice, Slovakia)
21. **Konstanty Junosza-Szaniawski** (Warsaw, Poland)
22. **Arnfried Kemnitz** (Braunschweig, Germany)
23. **Monika Kijewska** (Szczecin, Poland)
24. **Daniel Král'** (Praha, Czech Republic)
25. **Magdalena Lemańska** (Gdańsk, Poland)

26. **Antoni Marczyk** (Kraków, Poland)
27. **Mariusz Mészka** (Kraków, Poland)
28. **Jerzy Michael** (Opole, Poland)
29. **Danuta Michalak** (Zielona Góra, Poland)
30. **Jozef Miškuf** (Košice, Slovakia)
31. **Paweł Naroski** (Warsaw, Poland)
32. **Stanisław Niwczyk** (Zielona Góra, Poland)
33. **Ondrej Pangrác** (Praha, Czech Republic)
34. **Monika Perl** (Szczecin, Poland)
35. **Joanna Raczek** (Gdańsk, Poland)
36. **Jolanta Rosiak** (Szczecin, Poland)
37. **Ingo Schiermeyer** (Freiberg, Germany)
38. **Elżbieta Sidorowicz** (Zielona Góra, Poland)
39. **Zdzisław Skupień** (Kraków, Poland)
40. **Alina Szelecka** (Zielona Góra, Poland)
41. **Jerzy Topp** (Gdańsk, Poland)
42. **Bartosz Wiszniewski** (Zielona Góra, Poland)
43. **A. Paweł Wojda** (Kraków, Poland)
44. **Mariusz Woźniak** (Kraków, Poland)
45. **Adam Wysoczański** (Zielona Góra, Poland)
46. **Renata Zakrzewska** (Gdańsk, Poland)
47. **Irmina Ziolo** (Kraków, Poland)

LECTURES

1. Mehdi Alaeiyan (Tehran, Iran) *On the normality of Cayley graphs*
2. Martin Bača (Košice, Slovakia) and Y. Lin, F.A. Muntaner-Batle, *Antimagic labelings of the trees I*
3. Gábor Bacsó and Zsolt Tuza (Budapest, Hungary) *On the cost chromatic number of graphs*
4. Tomasz Bartnicki, Jarosław Grytczuk (Zielona Góra, Poland) and Hall A. Kierstead, *The game of arboricity I*
5. Halina Bielak (Lublin, Poland) *Chromatic polynomials for recursively defined families of graphs*
6. Piotr Borowiecki (Zielona Góra, Poland) *Generalized on-line coloring*
7. Joanna Cyman (Gdańsk, Poland) *The outer-connected domination number of a graph*
8. Ewa Drgas-Burchardt (Zielona Góra, Poland) *Joins of additive hereditary properties of graphs*
9. Michael A. Henning (Pietermaritzburg, South Africa) *Recent results on total domination in graphs*
10. Anna Fiedorowicz and Mieczysław Borowiecki (Zielona Góra, Poland) *On acyclic colourings of some classes of graphs*
11. Jarosław Grytczuk (Zielona Góra, Poland) and Noga Alon, *Nonrepetitive colorings of graphs*
12. Jochen Harant (Ilmenau, Germany) and Ingo Schiermeyer (Freiberg, Germany), *Some news about independence*
13. Stanislav Jendrol' (Košice, Slovakia) *On total irregular labelling of graphs*
14. Konstanty Junosza-Szaniawski and A. Idzik (Warsaw, Poland) *Combinatorial lemmas for polyhedrons I*
15. Gyula O.H. Katona (Budapest, Hungary) *Constructions via Hamiltonian theorems*

16. Arnfried Kemnitz (Braunschweig, Germany) *Circular total colorings of graphs*
17. Monika Kijewska and M. Kwaśnik (Szczecin, Poland) *Domatic number of graph products*
18. Daniel Král' (Praha, Czech Republic), T. Kaiser, R. Škrekovski and Xuding Zhu (Kaohsiung, Taiwan) *The circular chromatic index of graphs of high girth*
19. Magdalena Lemańska (Gdańsk, Poland) *Lower bound on the weakly connected domination number of a tree*
20. Tomasz Łuczak (Poznań, Poland) *Cycles in claw-free graphs*
21. Mariusz Meszka and Zdzisław Skupień (Kraków, Poland) *Path decompositions of a complete multidigraph*
22. Jerzy Michael, Zyta Dziechcińska-Halamoda, Zofia Majcher (University of Opole, Poland) Zdzisław Skupień (Kraków, Poland) *On a game of Sokoban type*
23. Danuta Michalak (Zielona Góra, Poland) *Some properties of P-connected P-domination numbers of graphs*
24. Peter Mihók (Košice, Slovakia) *Lattice of additive hereditary properties and formal concept analysis*
25. Jozef Miškuf (Košice, Slovakia), Mieczysław Borowiecki (Zielona Góra, Poland), Stanislav Jendrol' (Košice, Slovakia) and Daniel Král' (Praha, Czech Republic) *On list chromatic number of Cartesian product of two graphs*
26. Stanisław Niwczyk, Tomasz Bartnicki and Jarosław Grytczuk (Zielona Góra, Poland) *Weight choosability and Combinatorial Nullstellensatz*
27. Monika Perl (Szczecin, Poland) *The extendable graphs*
28. Michael D. Plummer (Tennessee, USA) *Recent advances in several areas of domination in graphs*
29. Joanna Raczek (Gdańsk, Poland) *Distance paired domination number of a tree*
30. Jolanta Rosiak (Szczecin, Poland) *The special class of the primitive digraphs*
31. Ingo Schiermeyer (Freiberg, Germany) *On Reed's conjecture about ω , Δ and χ*
32. Zdzisław Skupień (Kraków, Poland) and Dorota Bród (Rzeszów, Poland) *On efficient dominating sets in trees*
33. Zsolt Tuza (Budapest, Hungary), C. Bazgan and D. Vanderpooten, *Satisfactory graph partitions and their generalizations*
34. A. Paweł Wojda (Kraków, Poland) *Self-complementary k-uniform hypergraphs*
35. Renata Zakrzewska and Tomasz Dzido (Gdańsk, Poland) *The upper domination Ramsey numbers*
36. Xuding Zhu (Kaohsiung, Taiwan) *Circular chromatic indexes of graphs*
37. Irmína Ziolo (Kraków, Poland) *On some arbitrarily vertex decomposable graphs*