V Developers Workshop on the Conley-Morse Database Project

Program

Sunday, February 10

10:00AM	**Hiroshi Kokubu**	Opening Address
10:30AM	**Shaun Harker**	The Database Software: Current Status
11:30AM	**Kelly Spendlove**	Parameter Space Decomposition
2:00PM	**Hiroe Oka**	A Monodromy Example
3:00PM	**Tomoyuki Miyaji**	Comparison of Integration of ODEs with COSY and CAPD
4:00PM - 6:00PM		Discussion

Monday, February 11

10:00AM	**Paweł Pilarczyk**	Morse Decompositions for time-t Maps
11:00AM	**Konstantin Mischaikow**	Sample 4D ODEs for Traveling Wave Models
12:00AM	**Zin Arai**	On an Application of Peer Pressure Clustering for Dynamical Systems
2:00PM - 6:00PM		Discussion

Tuesday, February 12

10:00AM	**Yasuaki Hiraoka**	Applications of Persistence Homology to Protein Analysis
11:00AM - 6:00PM		Discussion

Wednesday, February 13

10:00AM - 6:00PM   Discussion

Thursday, February 14

10:00AM   **Paweł Pilarczyk**   Preliminary computation of Morse decompositions
                                                  for the Gardner-Smoller equation

11:00AM   **Konstantin Mischaikow**   On the Holling type predator-prey system

1:00PM   **Tomoyuki Miyaji**   Conley-Morse graphs for the coupled quintic
                                                  van der Pol equations

2:00PM - 6:00PM   Discussion