

第 17 回 代数曲面ワークショップ at 秋葉原

下記のとおりでワークショップを開催します。

日時: 2018 年 1 月 27 日 (土) 14:00 - 17:30

場所: 首都大学東京 秋葉原サテライトキャンパス 会議室 E

東京都千代田区外神田 1-18-13 秋葉原ダイビル 12 階

アクセスについては下記 URL にてご確認ください。

http://www.tmu.ac.jp/university/campus_guide/access.html

プログラム

14:00-15:30

Delphine POL (Hokkaido Univ./JSPS):

Logarithmic forms along free singularities

Abstract : The purpose of this talk is to study a notion of logarithmic forms along reduced complete intersections or Cohen-Macaulay subspaces which is introduced by A. G. Aleksandrov and A. Tsikh as a generalization of the logarithmic forms along reduced hypersurfaces developed by K. Saito. A natural question which then arises is to generalize the notion of freeness to spaces of higher codimension. In this talk, I will first recall the hypersurface case, and we will then consider logarithmic forms, logarithmic vector fields and residues along higher codimensional spaces. In particular, we will give several characterizations of freeness which extend the hypersurface case. In the last part of my talk, I will make several remarks on the free resolutions of the module of logarithmic differential forms. A free resolution is known for reduced quasi-homogeneous complete intersection curves.

16:00-17:30

坂内真三 (茨城工業高専)

On sections and multi-sections of rational elliptic surfaces and the topology of plane curves

世話人: 徳永浩雄 (首都大学東京)

今野一宏 (大阪大学)