

Recent Advancement of Radar Meteor Observations and Related Science Topics

Sunday November 14

10:00 Welcome. Presentation of the seminar project and outline
10:15 Previous MU radar meteor observations; PANSY and future possibilities
10:30 Overview of the new MU head echo observation mode and data

LOC
Takuji Nakamura
Johan Kero

11:00 BREAK

11:15 Distribution of 65,000 meteors by simultaneous video observations in 2007 - 2009

SonotaCo

2007-2009年ビデオ同時観測流星65000件の分布について

circa 12:00-13:30 LUNCH at Ramen restaurant

13:30 MU head echo data analysis technique 1

Johan Kero

14:00 BREAK

14:20 MU head echo data analysis technique 2

Johan Kero

14:40 BREAK

15:00 Introduction to forward scattering meteor radio echo observation using a GPS-synthesized multiple receiving stations.

Hideto Yoshida 吉田英人

15:20 Geminids ZHR activity profile as a function of magnitude

Shigeo Uchiyama 内山 茂男

ふたご座流星群の光度別出現状況

15:40 BREAK

16:00 Light curves from double-station video observations

Maeda 前田 幸治

ビデオ2点観測による流星の光度曲線

16:20 Time stamp with 1/100 second accuracy in video meteor observations

Sadao Okamoto 岡本 貞夫

流星光学観測において100分の1秒の時刻精度を

16:40 Poster session

Posters:

Current status and future of 5ch radio interferometer by Kochi University of Technology
MU observation results of 25 ch interferometry observation of Geminid
Extra-Solar Meteors
The 2009-2010 monthly MU radar head echo observation programme for sporadic and shower meteors

Yamato 大和忠良
Hideaki Miyamoto 宮本 英明
Noboru Ebizuka 海老塚 昇

高知工科大学5ch電波干渉計の現状と今後の展望
25ch干渉によるふたご座流星群ヘッドエコー観測の結果

Johan Kero

circa 18:00 Dinner party

Monday November 15

10:00 Comparison of radio and optical observation and proposal of artificial meteor train experime Masayuki Yamamot 山本真行 流星の電波・光学観測の比較と人工流星痕生成の実験提案
10:20 Comparison of meteors by sensitive hi-vision camera and visual observation Noboru Ebizuka 海老塚 昇 高感度ハイビジョンカメラと眼視による流星の比較

10:40 BREAK

11:00 Simultaneous observation of MU head echo and TV Yasunori Fujiwara 藤原康徳 MUレーダーヘッドエコー観測とTVとの同時観測
11:20 Meteor orbits by multistatic optical observation Masayoshi Ueda 上田 昌良 光学多点同時観測の流星軌道計算結果

circa 12:00-13:00 LUNCH at NAOJ restaurant

13:00 MU head echo observations of the Orionid meteor shower Johan Kero

13:20 BREAK

13:30 Interactive visualization of MU head echo data Johan Kero

13:50 BREAK

14:00 Dynamics of meteoroid streams Jeremie Vaubaillon

14:20 BREAK

14:30 The Draconids 2011 Jeremie Vaubaillon

14:50 BREAK

15:00 Dynamic simulations of the Orionid meteoroid stream Mikiya Sato

15:20 BREAK

15:30 Dynamic simulations of the Draconid meteoroid stream Junichi Watanabe

15:50 BREAK

16:00 Final remarks