

Address by the Provisional chairperson



IOTA/EA Establishment Background

The demand for occultation observations and the publication of scientific results has increased rapidly in recent years. This is probably due to successful observations in support of planetary exploration missions.

The development and dissemination of tools such as CMOS cameras and GPS receivers have also contributed to the efficiency of occultation observations and data analysis.



Gaia's catalog

improved the positional accuracy of faint stars

All Sky Survey

improved the accuracy of asteroid orbits

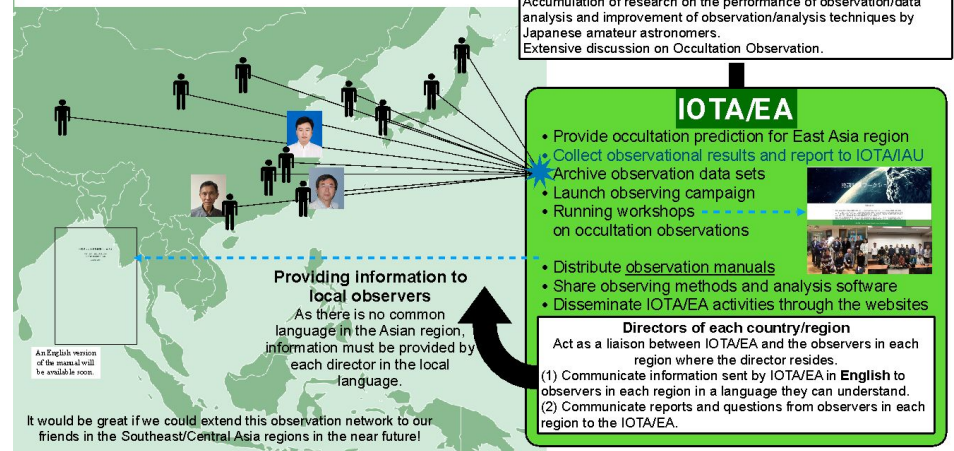
➡ led to more accurate occultation prediction.

➡ less chance for observers to be misled

All of these circumstances have encouraged the establishment of

IOTA/EA

Structure of IOTA/EA



ここ数年で掩蔽観測の需要や科学的成果の発出が急増しました。これは惑星探査ミッションを支援する観測成功が推進力になっていると思われま。掩蔽観測・解析を効率的かつ精度良く行うツールも充実してきましたし、何より掩蔽観測の予報が正確になってきた。今こそ、IOTA/EAを設立し、掩蔽観測に取り組む時です。