Name	Supervisor	Title	Abstract
Takuma	Seiya UENO	Study on Simultaneous	Nowadays, air crafts in the air space is increasing and the
MIYAZAKI		Optimization of Trajectory and	workload of air traffic controllers is increasing accordingly. To
		Sequence in Multiple Aircraft	deal with this problem, it is planned to apply some software in
		Merging Problem	order to support them. The purpose of this study is to
			propose an algorithm which gives the optimal trajectory and
			optimal merging sequence in the multiple aircraft merging
			problem. The problem is defined in an unique coordinate
			system called Space-Time Coordinate System (STCS). With
			this algorithm, the work load of air traffic controllers will
			decrease. Also, it could be said that safety and efficiency of air
			traffic will be improved.

List of Dissertation Abstract (Environment and System Sciences)