

# 令和7年度 第24回 大学院セミナー

令和7年6月20日

分野名 Area of Research (責任者名)(内線)	統合脳神経科学分野 責任者名( 増井 憲太 ) 内線( 7035 )
演題 Title	From Dyads to Societies: The Role of Bio-Behavioral Synchrony in Human Interactions
講師等 Presenter	Prof. Gianluca Esposito Department of Psychology and Cognitive Science, University of Trento, Italy
概要 Abstract	The bond between mother and infant is the first and most essential social relationship in mammals, guided by automatic brain patterns that drive infants to seek proximity to their mothers and protest separation. These mechanisms foster attachment through vocal communication and body movement. Reciprocally, heightened brain activity in mothers is linked to their infants' movements and vocalizations, as well as their own caregiving behaviors. The infant's and mother's brains mutually "respond" to one another, engaging in a dynamic and synchronous "dance." In this talk, I will illustrate these mother-infant dynamics with new findings from animal and human studies, employing diverse methodologies—from genetic engineering to hyperscanning neuroimaging. I will also discuss implications for typical and atypical development, exploring how these early bonds not only shape individual trajectories but also contribute to broader social cohesion.
開催日時 Date and Time	令和7年 7月 4日(金) 17:00 ~ 18:00
開催方法 Online/Face to face	第2セミナー室
備考 Notes	

- ☒ 先端医療科学特論(基礎編)
- ☐ 先端新興感染症病態制御学特論
- ☐ 日本語(Japanese)
- ☒ 対面(Face to face)

- ☐ 先端医療科学特論(臨床編)
- ☐ 先端放射線医療科学特論
- ☒ 英語(English)
- ☐ オンライン(Online)