

Flight-Train Timetable Synchronization for a Seamless Passenger Journey

Clara Buire ¹

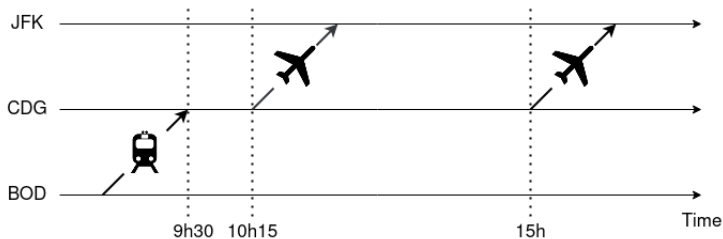
Advisors: Daniel Delahaye ¹, Aude Marzuoli ²

¹OPTIM / SINA - Ecole Nationale de l'Aviation Civile, Toulouse, France

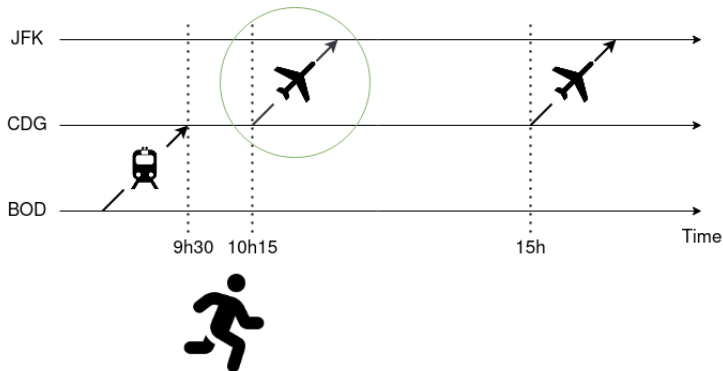
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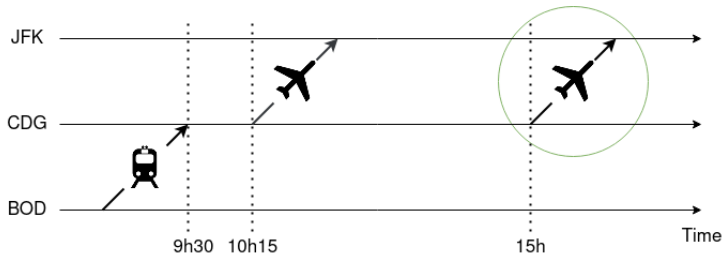
Passenger connection choice



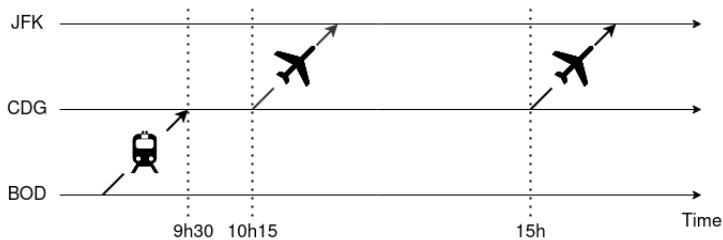
Passenger connection choice



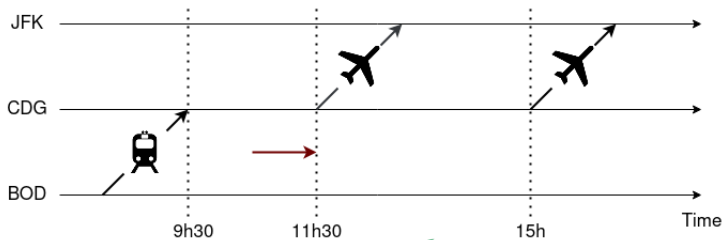
Passenger connection choice



Passenger connection choice



Passenger connection choice



Schedule synchronization problem

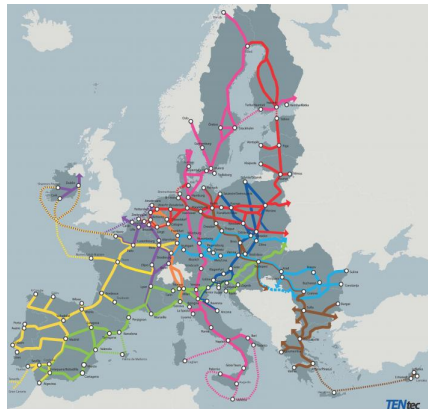


Figure: The Trans-European Transport Network¹

¹European Commission. *Trans-European Transport Network (TENT-T)*.

Publications

Accepted :

- Clara Buire et al. “A Year Into the Pandemic: a Passenger Perspective on its Impact at Paris-Charles de Gaulle Airport”. In: *2021 IEEE International Conference on Big Data (Big Data)*. IEEE. 2021, pp. 2925–2935

Pending :

- Clara Buire, Daniel Delahaye, and Aude Marzuoli. “Flight-Train Timetable Synchronization at a Hub Airport for a Seamless Passenger Journey”. In: *2022 International Conference on Research in Air Transportation*. 2022
- Philippe Monmousseau et al. “Analyzing and comparing door-to-door travel times for air and rail transportation using publicly available data”. In: *Transportation Research Part E: Logistics and Transportation Review* (2022)

Thank you !

