Agent–based model (ABM)

Epidemic Dynamics
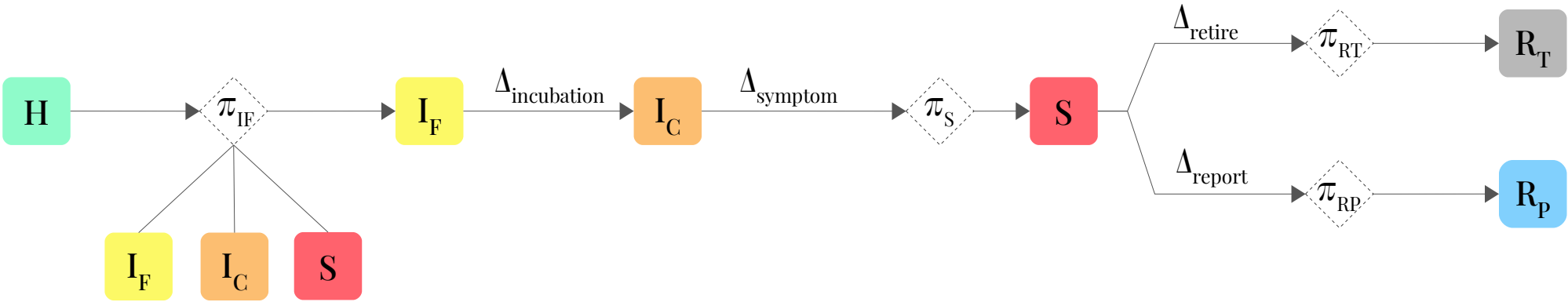
Contact-tracing app
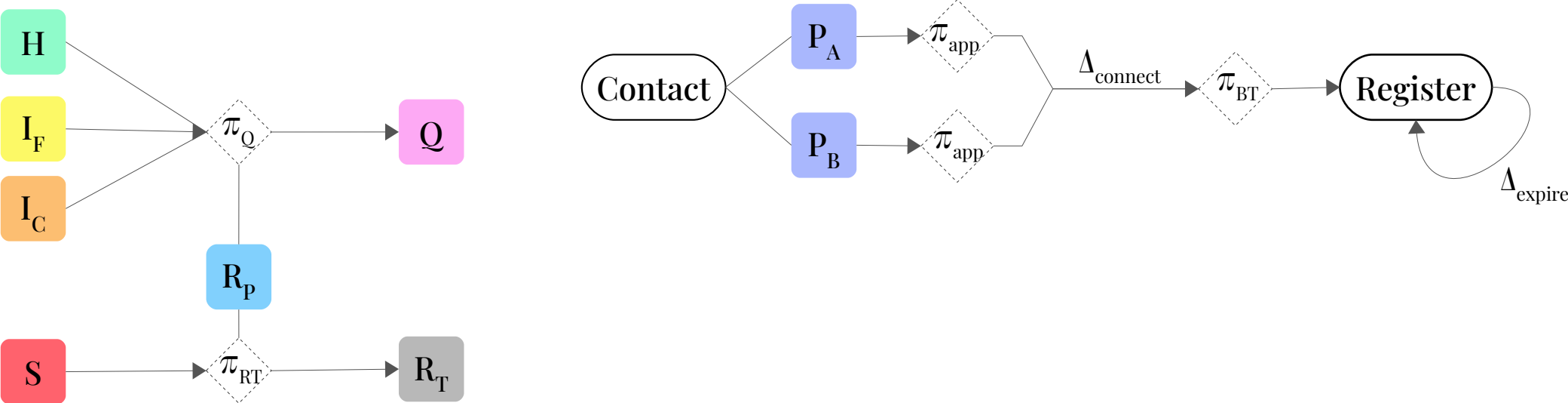
Activities Schedule → Office & Meetings

State			Period			Probability		
	H	Healthy		$\Delta_{\text{incubation}}$	Incubation		π_{IF}	Infection
	I_F	Infected		Δ_{symptom}	Symptoms		π_S	Symptoms
	I_C	Incubated		Δ_{retire}	Retire		π_{RT}	Infection
	S	Symptoms		Δ_{report}	Report		π_{RP}	Report
	R_T	Retired		$\Delta_{\text{quarantine}}$	Quarantine		π_Q	Quarantine
	Q	Quarantine		Δ_{connect}	Connect		π_{app}	App running
	R_P	Reported		Δ_{expire}	Data Expire		π_{BT}	Bluetooth