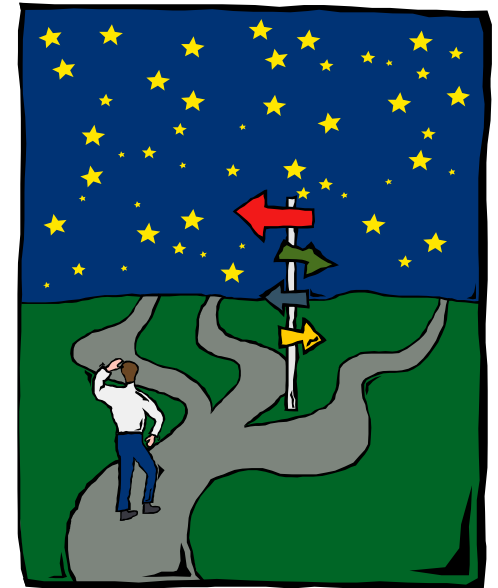
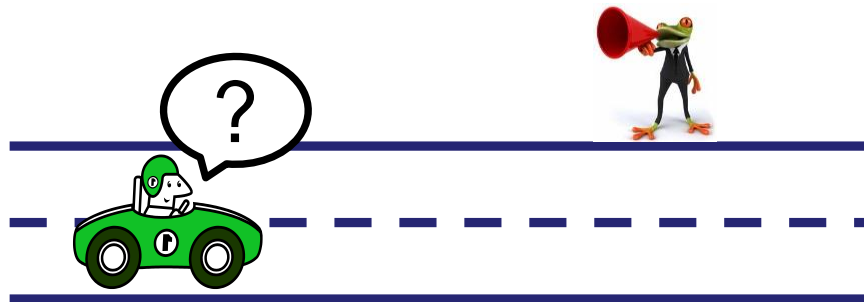


# T-19 An Online Policy Gradient Algorithm for Continuous State and Action Markov Decision Processes with Bandit Feedback

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## □ Motivating Example:

- Long Road Trip.
- The road condition may **change frequently**.
- Obtain the best driving **strategy**.



- We proposed online policy gradient algorithm for **continuous** state and action online MDPs with **sublinear regret**.