





| ç | Osaka University 14 |
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| C | onclusion and Future Work |
| • | Proposal |
| | We proposed a design method of WDM network, which determine a set of IP-routers where transceivers should be added |
| | The proposed method is inspired from biological evolution so that the network can obtain plasticity |
| • | Computer simulation |
| | Simulation showed the proposed method makes VNT control more adaptive against unexpected traffic fluctuations |
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Future work

- Evaluation on other physical topologies
- Extension of the method so that it should add other resources
 not only transceivers of a node but also links between nodes