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Branch and price for the time-dependent green vehicle routing problem with time windows in real road network

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**IFORS 2021**  
The 22<sup>nd</sup> Conference of  
the International Federation of Operational Research Societies



**I F O R S**

International Federation of Operational Research Societies

## IFORS 2021

The 22<sup>nd</sup> Conference of the International Federation of Operational Research Societies

Hanyang University in Seoul, South Korea, August 22-27, 2021

<https://www.ifors2021.kr>

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September 10, 2021

### Certificate of Attendance

This is to certify that

*Dr. Qu Wei*

attended the 22<sup>nd</sup> Conference of the International Federation of Operational Research Societies (IFORS 2021 Virtual), Seoul, South Korea, August 22-27, 2021, presenting the following paper, co-authored with Prof. Guido Perboli, Dr. Mariangela Rosano:

*Branch and price for the time-dependent green vehicle routing problem with time windows in real road network*

Yours Sincerely,

**Bernard Fortz**

Conference Programme Co-chair of the 22<sup>nd</sup> Conference of the International Federation of Operational Research Societies (IFORS 2021)