



# Hyung Hong

Senior Principal Engineer

“True collaboration in multi-physics problems happens when I do my best, and I trust / respect my co-workers in the team”

## BIO

As a multibody dynamics engineer, Hyung’s dream has been hardware replacements with true physics simulations. His dream has been accomplished with virtual Road Load Data Acquisition in his career at GM. His new dream is to promote multibody simulations in NVH and control integration.

## GOALS

- Ansys toolchains for product developments
- Facing new challenges in engineering
- Collaboration

## Ansys EXPERIENCE

Since Hyung joined Ansys in 2022 with wealth of 30+ year multibody simulation experience, he’s been thriving to demonstrate how virtual simulations can expedite engineering decision making and product development. His goal is to evangelize collaborations in multi-physics simulations to build engineering processes.

## SPECIALTIES

- Vehicle Dynamics
- Load Predictions
- Durability Design and Applications
- Applications of multibody dynamics in NVH and Control Integration

## RESEARCH INTERESTS

- Automotive
- Teaching and Mentoring
- Leadership development

## PROFESSIONAL

### EDUCATION

PhD & MS in Mechanical Engineering, KAIST

Bachelors in Mechanical Engineering, Han Yang University

## PERSONAL

### INTERESTS

Singing in choirs, Instrumental Music, Philosophy, Exercise, Travels, Family

### LANGUAGES

English, Korean

## COMPETENCIES

### SIMULATION



### ENGINEERING



### LEADERSHIP



### Ansys PHYSICS

