

# Alberta's Young Innovators

## D&R Optimization Services

### Creating Innovative solutions for the oil industry

Analyzing problems and finding solutions is more than a hobby for Dr. Darius Remesat, it's an important part of his profession as a chemical engineer and entrepreneur.

Dr. Remesat, a graduate of the University of Calgary, is currently developing innovations that will help the oil industry with some of the more complex challenges it faces.

One challenge surrounds the removal of solvents during the processing of heavy oil. Companies without an efficient method of removing solvents can end up losing time and incur costs to repair equipment. Dr. Remesat has designed a prototype for a process that will recover solvents resulting in efficiencies and cost savings. He's currently in the process of obtaining a patent for his innovative process.

Following five years of research, Dr. Remesat has recently created a software package called HOOK that can improve oil upgrading and refining performance and profitability. Through his company, D&R Optimization Services, he hopes to have his software ready for the marketplace later this year.

Dr. Remesat recently received a 2009 Rising Star Award from Oilweek magazine, which recognizes the rising stars of the oil and gas industry. He was also a runner up for the 2009 TEC VenturePrize in the student business plan competition category for his HOOK business plan.

Recent accolades and the success of his innovations have established Dr. Remesat as one of Alberta's many innovative entrepreneurs in the oil industry.



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