

Final Plenary Consultation MDEC Conference 2008

Sheraton Parkway, Toronto North,
Richmond Hill
October 5-10, 2008

Mahe Gangal
MDEC Conference, Co-Chair



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MDEC Mission Statement

Mining Diesel Emissions Council is committed to providing a global forum for the dissemination of the latest scientific and technologically advanced research to reduce and control diesel emissions in the mining workplace environment

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Summary - MDEC Conference 2007

- October 1-5, Sheraton Parkway, Richmond Hill, Ontario
- Number of delegates registered = 120
- October 1-2, Field trip to Sudbury (CVRD Inco mine & CANMET-MMSL Research Laboratory)
- October 2 – Diesel Workshop (Engine & DPF Technology)
- October 3-4, Technical Presentations
- October 5, Roundtable Forum
 - Diesel Particulates (Aleksandar Bugarski)
 - DPM Regulation & Engine Technology (Michel Grenier)
 - Diesel Particulate Filters (Alain Landry)
 - Lubricants and Fuels (John Vergunst)

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How useful did you find the sessions?

Session	Unsatisfactory	Satisfactory	Fully satisfactory	Superior	Outstanding
	%	%	%	%	%
Active DPFs	0	10	34	40	16
Regulatory Perspectives	0	8	52	35	6
Field Studies	2	4	42	35	17
Control Technologies	0	5	35	41	19
Ventilation	0	11	37	39	13
Biodiesel	3	6	33	42	17

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**How valuable did you find the display area?
(Survey-MDEC Conference 2007)**

- Unsatisfactory 0%
- Satisfactory 17%
- Fully Satisfactory 52%
- Superior 31%
- Outstanding 0%

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**Delegates Affiliation, %
(Survey-MDEC Conference 2007)**

- Mining Company 31 (43)
- Mining Supplier 28 (21)
- Government 17 (13)
- Union 19 (10)
- Other 6 (13)

(2006 data in brackets)

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Delegates Location Survey, % (Survey - MDEC Conference 2007)

- **GTA** **6 (5)**
 - **Ontario** (excluding GTA) **27 (35)**
 - **Canada** (excluding Ontario) **13 (17)**
 - **USA** **44 (38)**
 - **Overseas** **10 (5)**
- (2006 data in brackets)

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Conference should be held, % (Survey - MDEC Conference 2007)

- Every year **86 (73)**
 - Every 2nd year **14 (25)**
 - Other **0 (2)**
- (2006 data in brackets)

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How did you rate the quality of papers? (Survey- MDEC Conference 2007)

Items	Unsatisfactory %	Satisfactory %	Fully satisfactory %	Superior %	Outstanding %
Technical value	0	3	47	34	16
Presentation	0	5	42	34	18
Visual material	3	3	35	43	16

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How did you rate the conference for the following? (Survey-MDEC Conference 2007)

Items	Unsatisfactory %	Satisfactory %	Fully satisfactory %	Superior %	Outstanding %
Overall	0	0	22	65	14
Location	3	8	22	56	11
Venue	3	3	33	47	14
Organization	0	0	19	46	35
Length of Papers	0	3	28	53	17

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Suggested topics for the workshop

(Survey-MDEC Conference 2007)

- **Engine, maintenance, novel engine technologies**
- **Emission control technologies, biodiesel**
- **Health effects, Canadian and US regulations**
- **Diesel hybrid, Ventilation of diesel equipment, measurement strategy**

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General Comments from MDEC 2007 Survey

- Discuss new technology of tier 4A and beyond
- Presentation on industrial disease
- Would like to see a panel summary of what consensus of presentations were trying to point out i.e. filter tech works but may need to be passive or active regeneration.
- Have a panel discussion next year to summarize and discuss the discussions for roundtable forums.

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General Comments from MDEC 2007 Survey

- Engine manufacturer standpoints on retrofits, additives, biodiesel should be discussed
- Equipment manufacturer action plans regarding upcoming legislation
- Great key note speaker
- Some presentations were very short
- Need more dynamic presentations near end of day, there were about 65 delegates at session 6

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General Comments from MDEC 2007 Survey

- Control the speakers time
- Excellent, very informative, covered interests of attendees, very well conference, well organized, good venue, well done, good participants, relevant topics, as usual conference presentations were excellent, good variety of papers, excellent facility, audio/video. etc. (many good comments)
- Let's go back to Hilton
- B. Rubeli did an excellent job in explaining issues with increase NO_x at depth

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General Comments from MDEC 2007 Survey

- Have conference in 3rd week of October to avoid Thanksgiving at either end of MDEC
- Some presentations were very technical and unexplained (charts, term etc.)
- Make the conference more internationally oriented
- Perhaps target to hold in USA
- Terrific to have “meet and Greet” with drink tickets

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General Comments from MDEC 2007 Survey

- All presentations should be provided on a CD, or printed
- Require presentations in binders
- More international perspective
- Workshop was good, was useful to me, was outstanding especially John Baxter’s presentation, particularly on engine technology, was very informative, excellent, well presented, understood easily (many good comments)

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General Comments from MDEC 2007 Survey

- Are any universities interested in sharing research with us
- Field trip was great, getting a chance to see one of the deepest mines in Canada, interesting to see how they are employing new DPF technology. The long bus ride was only drawback.
- Enjoyed union representation, legislation fails to drive companies to engage in DPF installation etc, so unions can

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General Comments from MDEC 2007 Survey

- Reconvene Canadian & US consortium to create a uniform and sizeable market (by collective action) to set specs & purchase significant number of DPM reduction systems for US & Canadian mines. By next year at this time MSHA will be enforcing 160 ug/m³ PEL as TC or equivalent. In Canada ? – The need is there and market if industry can get common specs. and generate buying power.

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Review of MDEC Conference 2008

Planning Meetings (15 members)

1. November 16, 2007
2. April 10, 2008
3. June 27, 2008
4. September 4, 2008

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Review of MDEC Conference 2008

- Keynote speaker on health – Dr. Joe Mauderly
- Keynote speaker on DPM – Dr. Stewart Gilles
- New Panel session – Review of MDEC 2007 Roundtable Forum
- Sudbury field trip - Vale Inco underground mine, and CANMET-MMSL research lab
- A full day workshop - Diesel emissions & control technology, Dr. Magdi Khair
- Roundtable Forum on four topics
- Change of meeting room to avoid noise
- No increase in registration fee since 2004

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Plans for MDEC 2009

- This hotel is booked for October 5-9, 2009
- Need your help and suggestions:
 - Type of technical presentations
 - Name of specialized presenters
 - Topics for workshop, roundtable forum, panel discussions, and field trips
 - Can you help us in arranging above
- MDEC information - www.mdec.ca
- Please send your suggestions to mgangal@nrcan.gc.ca

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Final Remarks

- Join MDEC Conference Committee
- May start MDEC newsletter if there is enough interest and support
- Send your suggestions to improve MDEC
- Thanks to YOU - delegates, presenters, chairpersons, workshop speaker, roundtable facilitators, committee members, audio/video and hotel management.
- Come to next MDEC – October 5-9, 2009

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THANK YOU

Please send your suggestions, comments

mgangal@nrcan.gc.ca

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