

# The Practitioner

The Official Newsletter of the Institute of Chartered Technical Practitioners of Canada  
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## Message from the President

*Reg Husbands, FChTP*

*We have come a long way.*

The story goes that Thomas Edison, the inventor of the “Incandescent Electric Light Bulb,” was asked how many attempts had it taken him to perfect his “Electric Lamp.” To which he replied “more than one thousand.”

The interviewer then stated “You mean to say that you made more than a thousand mistakes before getting it right?” To which Edison replied, “I never made any mistakes. I simply found a thousand ways in which an incandescent light will ‘NOT WORK.’”

I Guess it all depends on one’s point of view. Mistakes or errors in themselves are discouraging, but keeping the idea alive –keeping the faith, as it were—can bring great rewards. This is what kept Bell and Marconi moving forward towards success. Failure, analyzed and improved upon, will result in success. Success at one’s first attempt brings with it very little experience and knowledge. It is the constant trying that builds experience and an aggressive attitude towards one’s practice.

It is often quoted that “Practice makes Perfect.”—However this is not what the original quote stated. It was first stated by a “Professional Solo Violinist” whose name I cannot remember but I think was “Niccolo Paganini.” What he said was “Perfect Practice makes Perfect.” However, he also stated that when he was a young boy, whenever he made a mistake, his father Antonio would make him stop and play the section very slowly but correctly. He was made to practice it again and again before his father would allow him to play it quicker. When his father Antonio was satisfied that the “error” had been completely eradicated, then, and only then would he allow his son Nicolo to play it “A Tempo.” ---“Perfect Practice makes Perfect.”

Every cloud has a silver lining, they say, but one must look for it to find it. As one enters the latter years in one’s life, there seems to be a greater tendency to reflect on the past, simply because there is more of the past to reflect upon than ideas and hopes for the future. This is not my view alone but of most people of my age and particularly older men.

Pondering, as I often do, about the affairs of “The Institute of Chartered Technical Practitioners of Canada”, I can only say that some ten or more years ago the then “Institute of Chartered Engineers of Canada” seemed to be going nowhere---fast. There was no vision, membership was in decline and our visibility -- what little there was -- seemed to be disappearing into a thick fog.

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Some four or five years ago all that changed. All of a sudden there seemed have been a rekindling of “the flame of hope.” A spark occurred which seemed to have ignited a few of us into thinking the impossible, dreaming unbelievable dreams and pressing towards unattainable goals.

What did actually happen as a result of these thoughts, dreams and goal reaching attempts was that some mistakes were made but from which a great deal of information was gathered. In other words, out of these mistakes, a discourse began in order to sift through this information in a rational manner and to investigate other possibilities for the advancement of the Institute. This was largely done by “the executive” and it took a period of approximately 18 months before any kind of plan could be agreed upon. From the laying down of certain new ideas, progress began towards our present situation.

After lengthy discussions with a number of government bodies, this plan started to become a reality with firm goals, a revitalized vision and an expanded body of enthusiastic individuals working closely as an “Executive” body pumping fresh ideas and suggesting means by which these ideas could be carried out. Not just a bunch of elected individuals but a real team working together and “sharpening” each others thoughts--as “steel sharpens steel,” as the old saying goes—until comprehensive targets were set and a plan laid down by which these targets could be reached.

This sharpening or re-shaping of ideas, did not come without a great deal of “pain and patience,” and there were times--many times --when absolutely nothing seemed to be happening. On further reflection over the last five or so years, it seems very remarkable to me that so much has indeed been accomplished in this short time period. The movement forward did not take place in a smooth continuous flow but in very short bursts of advancement followed by a much longer period of waiting and in some instances a temporary loss of hope.

The psychological affects of this “cyclic condition” on the executive board has brought about a number of results. It has caused us to get to understand and know each other much better. It has given us time to perfect our ideas and standards etc. It has encouraged us that although “time” itself seemed to be our enemy, with responses from Government and other sources taking far too long, it also has shown us that **vision alone is not enough**. One must have an “abundance” of patience too. Patience with external sources as well as patience with each other. We have come a long way, we have had to turn our ideas around time and time again but fortunately, none of us gave up. At difficult times we just retreated, changed direction until the “fog” became less and the future became clearer.

A foundation has now been laid which will help guide and protect future “Technical Practitioners” to move into society with great confidence and acceptability both by the public and by the licensing authorities so that being a member of the Institute of Chartered Technical Practitioners of Canada will carry with it a **well earned respect**. Achieving the position of Technical Practitioner will be viewed as a great accomplishment not just by the membership but by employers and the public alike.

We have indeed come a long way—Let us now gain some momentum, “Fan the Flame” a little more and gain even more notoriety by “**Preaching this Gospel**” to our colleagues and friends -- both at work and at play.

## ***2007 Annual General Meeting***

### **The 2007 Annual General Meeting of the Institute of Chartered Technical Practitioners of Canada**

This year's AGM was better than ever! President Mr. Reg Husbands, FChTP, Chaired and opened the 53<sup>rd</sup> Annual General Meeting at 10:05 am by welcoming all attendees. President Reg Husbands presented the attendees with a brief history of the ICEC since its founding in 1954 until the creation of the new Institute in relation to the new name and designations. With his opening remarks, the President invited the general membership to get involved in the affairs of the Institute to further explore means of attracting more members and have them join the Board of Directors either as Executives or Chapter members at large.

Following the opening statements, Chief Executive Officer, Mark El Kadi, ChTP, presented the Board with his membership and financial reports. All were in favor and a motion was carried to approve the statements.

The Executive Board officers presented their reports and also called for more volunteers to further the aims and objectives of the Institute.

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## ***2007 Honors and Awards***

### **AWARDS PRESENTATION**

One of the highlights of the Annual General Meeting was the Awards presentations and the newly designated Chartered Technical Practitioners of the ICTPC.

President Reg Husbands and Mark El Kadi proudly took turns in presenting the newly designated Chartered Technical Practitioners with their certificates and membership rings.

***Some of the Newly Designated Fellows and Chartered Technical Practitioners were as follows:***

*Paul Adoo, ChTP*

*Ray Kranyak, ChTP*

*Hisham Marrow, ChTP*

*Ron Cherchuk, FChTP*

*Frederick Hatton, ChTP*

*Bernard Bratz, FChTP*

*Nagy Abdlekodous, ChTP*

*Dennis Paganin, ChTP*

*Astley Grant, ChTP*

*Mark El Kadi, ChTP*

*Reg Husbands, FChTP*

*Ian Livsey, ChTP*

*Manuel Linden, FChTP*

*Harry Zandbergen, ChTP*

*Wayne Mullett, ChTP*

*Dr. Felix Degan, FChTP*

### The ICTPC's 2007 Outstanding Services Award

CEO Mark El Kadi proudly presented Mr. Hisham Marrow with the 2007 Outstanding Services Award for his dedication and faithfulness towards the Institute.

### The 2007 Fellowship Award

It gave the ICTPC the honour and privilege to award the Institute's Fellowship Award to Mr. Bernard Bratz, ChTP for his outstanding technical contributions to the Canadian industry in the Construction Field.

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## *New Chapters*

The ICTPC is proud to announce its newly established Regional Chapters. These Chapters have been created to better serve the general membership and to promote and advance the goals and objectives of the Institute. All members are encouraged to join their relevant regional chapter. If you are interested in becoming a Chairperson in your own region, please e-mail us at [info@ictpc.ca](mailto:info@ictpc.ca)

Ottawa Chapter	Mr. Paul Adoo, ChTP	Chairperson
New Market Chapter	Mr. Astley Grant, ChTP	Chairperson
Scarborough Chapter	Mr. Rob Chaaya, TecP	Chairperson
Pickering Chapter	Mr. Hisham Marrow, ChTP	Chairperson
London Chapter	Mr. Reg Husbands, FChTP	Chairperson

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## *A New Designation*

### **Chartered Master Technical Practitioner (ChMTP)**

Historically, the Institute of Chartered Technical Practitioners has always encouraged its members to seek and attain higher levels of academic achievement and to raise their level of competence through attaining greater experience in the discipline of their choice. To date, the highest level that could be achieved in the Institute was that of Chartered Technical Practitioner.

However, the Executive Boars of Directors has become aware that there are a number of its members who have achieved a much higher standard and experience than that required for the designation of Chartered Technical Practitioner and in order to give these members the recognition they deserve a new category has been created, namely, that of "Chartered Master Technical Practitioner".

This category of membership is open to individuals who hold a Masters Degree or a Doctoral Degree in any engineering, or technical or scientific field of study. These would include University Professors, Technical College Professors or Teachers/Instructors, Heads of Faculty, Departmental Heads and Heads of Industry and those involved in Scientific/Technical Research. To qualify for such a designation the candidate must meet specific criteria. Please visit our website at [www.ictpc.ca](http://www.ictpc.ca) for more information.



### **How Not to Pay Your 2008 Annual Dues**

Interested in promoting ICTPC? Recruit new members and your Membership Dues will be on us.

### **Tell Us About Yourself**

Send us a resume about yourself, your education, career and lifetime achievements.

Stand Proud.

### **New Articles**

Do you have an article that could be of benefit or interest to other members? E-mail them to us and we will insert them FREE of Charge

## **2008 Membership Dues**

Invoices for ICTPC membership renewal and voluntary membership sections are sent in early or middle of December of each year, and cover the upcoming fiscal year (January 1 through December 31 2008). Payment must be received on or before January 31, 2008.

### **The New Membership Fees for 2008 are \$ 75.00 Canadian Funds.**

The Institute has been trying to implement the Online Payment method for ease of payment of dues and other services. However, due to some minor technical glitches, we are hoping that this service will be up and running in the new year. We apologize for any inconvenience this may cause. We will keep you informed as soon as this service becomes available.

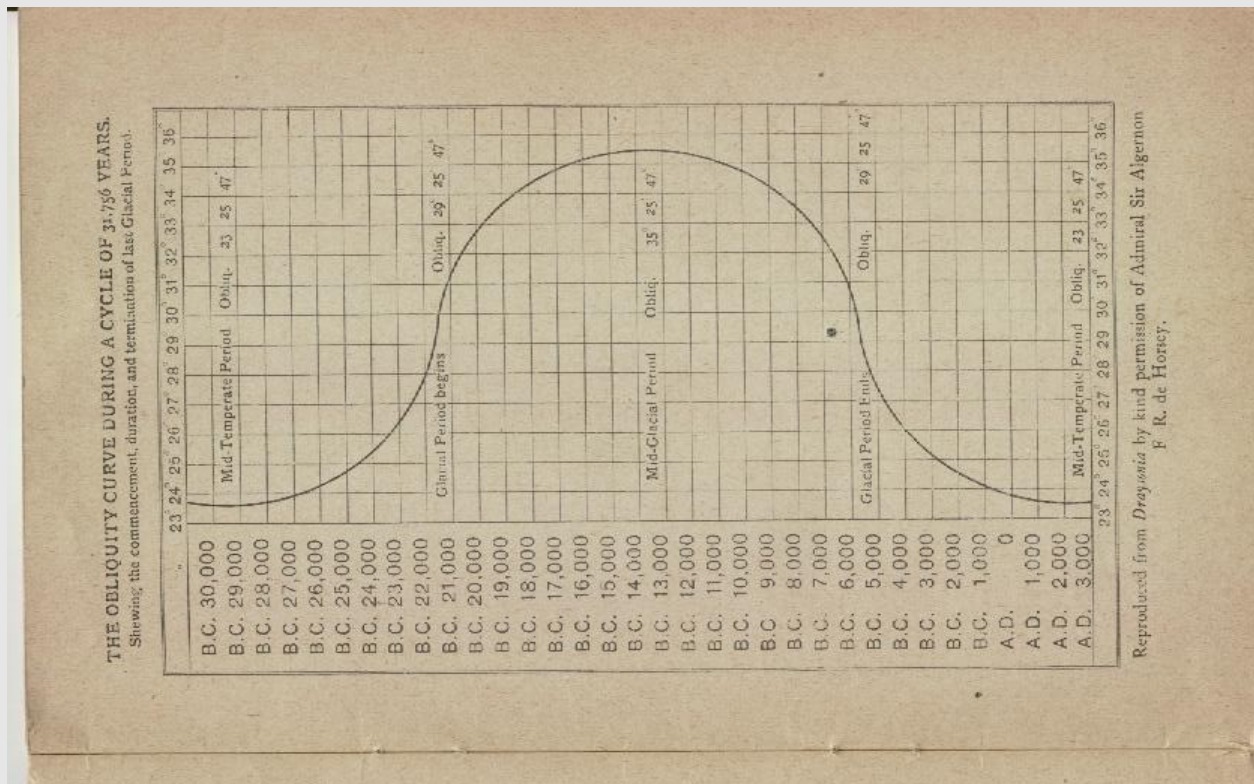
**Your Continued Support is Appreciated – Renew Your Membership Today**

## A case of the "Collie Wobbles"

(A short essay on the state of our "Heavenly Transport System"—"The Earth")

Global warming or Climate Change seems to be the main topic of the "News Media" these days, unfortunately it seems only for "Political gain". Al Gore and David Suzuki has raised the issue to new heights and to listen to them and their followers it would appear to be a new discovery and the total fault of the human race. I say political gain simply because even quite a number of scientists are disregarding a great deal of scientific information in order to weight their so called "proof" of man's destruction of his own environment. Before you jump to the wrong conclusion of this last statement let me explain a little more as to what I am getting at.

When I was 17 years old—a long, long time ago now it seems—my Uncle gave me a book to read called "Warmer Winters and Earth's Tilt". The author was a man by the name of R.A. Marriort. He, like Al Gore, was not a scientist (at least he didn't claim to be one) but he was an avid student of climatic changes especially those that had occurred in history and consequently gathered a great deal of information available at that time. The book was published before 1920 because I have a later re-printed edition. The main focus of discussion in the book is "the change in the earth's tilt and its affect on the earth's climate". Marriot had collected his evidence from the results of scores of scientific investigations and other manuscripts that had been published from many sources but mainly from Europe, North America including Canada and Mexico and from India, China and from New Zealand and Australia. In fact he claims no ownership of the information published but rightly ascribes the information and conclusions contained in each chapter to the respective authors, almost all of them scientists. [ I have scanned one of his diagrams from his book but unfortunately, the paper has become quite brown with age and a great deal of clarity is somewhat lost. ]



The predominant theory, which the writer puts forward and which is supported by the evidence to which he refers, was that the earth's tilt angle "PRECESSED" from a minimum of 23 Deg-25 Min-47 Secs to a maximum of 35 Deg-25 Min- 47 Secs. This tilting of the earth's axis taking place over a period of some 35,000 years.

For those who may not be aware of what the term "precessing" means, I will explain. Almost everybody knows that the earth spins from West to East about an imaginary axis running through its center from North to South. What is also quite well known is that this axis is "inclined" to the sun at an angle of about 25 degrees. What is not so well known is that this angle is not constant but changes over a long period of time (this period of time seems to be different according to different scientists??) What is even less known is that the earth "wobbles" like a top about a point near the South Pole so that the "Total Precessing Movement" of Antarctica is much less than that of the Arctic Sea. -- (By way of interest, a map of the continent of Antarctica—the solid rock formation—was discovered some 200 years ago, completely ice and snow free. Who mapped it is still a mystery. At the time of discovery it was thought to be a "joke" but recent scientific studies from ground investigations at Antarctica and from Space has shown the map to be 96% accurate in almost every detail—now ain't that interesting?) To have a more detailed explanation of "PRECESSING" please log on to the following link <http://en.wikipedia.org/wiki/Precession>

Scientists agree that this "Tilting" is a "cyclic" phenomena, only the "period of cycle" being in question. I have tried to scan the periodic table from the book but because the book is so old and the pages are already turning brown, the reproduction is not the greatest. However, I have included it for those who have an interest in this. Please note, that I have purposely not included in my essay the effects of volcanic or earthquake eruptions nor the change in earth's magnetic field etc—the effects or reversals etc-- some of these actions taking place daily throughout the world. I have chosen not to include them because these actions were not considered in the book but will have a definite affect on the "Global" temperature changes. Other actions such as the rotation of the sun and the resulting influence of the sunspots and the action of the solar flares etc have not been considered either.

What I am suggesting here is that "Man's Polluting Actions" is having an effect on "Global Warming" but it is only "AGGRAVATING" a global action and is not necessarily the founding cause or causes which by and large are "Natural and Geological in nature" and have been through eons of time past. The fact is that although the News Media has correctly published these facts at different times but unfortunately they have been missed by the public simply because they have not received the "Spot Light" that Al Gore's and David Suzuki has received—either accidentally or purposely?? --- But it has not been captured.

Here are some more amazing facts:-

- a). Should Canada shut down all it power generating facilities, abolish the use of any automobile and prevent all carbon emitting devices—in fact stop all the burning of oil, coal, wood and all other combustible fuels, the resulting affect would only reduce the total Global pollution **by less than 0.5%.**
- b). Unless the nations which pollute the atmosphere the most, America, China, India etc very little change will take place.
- c). Europe has taken a great lead in reducing this pollution but even their efforts are not going to make any significant change.
- d). Finally, even if every nation ceased and desisted in it's polluting today—it would still take more than 200 years before any significant change to be realized—This according to David Suzuki, himself in a CBC Interview this last month.

Why? Simply because the earth cannot "cleanse itself" in a lesser period of time. The melting of the Polar Caps is irreversible although it might be possible to slow it down somewhat. The gigantic natural forces taking place are not controllable by man but nevertheless must be taken into the equation. Mankind not only has to reduce the damage he is doing but also actually help in the healing process. In other words he has to spend time, money and ingenuity to help reduce the carbon and sulphur emissions that we have put into the air and seas and lands.

Man's inhumanity to man is not only seen in murder and war but through our daily lives, by simply going about our business and doing our jobs. What it means is that mankind has to go through a major "REPENTANCE"—which simply means "A CHANGE OF MIND or ATTITUDE." We must not only find new "Non-polluting" means of generating power but "Ways and Means" of cleaning up the "FILTH" by which we have desecrated our "Heavenly Home."

Here is a quote from a very wise man— "(The) Scientific method is simply the exercise of common sense. It is not peculiar, unique, professional, or a mysterious process of the understanding: but the same which all men employ from the cradle to the grave in forming correct conclusions."---Charles Kingsley (1819 -1875).

It is incumbent on ALL MEN to preserve the gifts graciously given to us. The earth can never be owned by anyone or any nation. We are all fellow travelers on this spinning globe, charging through space around a huge body of nuclear activity from which we gain our life and our being. However, what man or woman who in their right mind would set out on a long journey by car without taking the precaution of having a qualified mechanic check out the car for road worthiness—oil changes, checking brakes, cooling system, lights etc etc and ensuring that the road ahead has enough "gas stations" on route to ensure that his journey will be completed without trouble. Yet we, human beings, have been doing that very thing for hundreds, perhaps, thousands of years. Year after year we continue on our journey without due care and attention to our vehicle (the earth). We sabotage the very area that cleanses our air by cutting down acres and acres of trees and marshland. We destroy our clean water seas (inland lakes) and masses of plant life in the oceans—and we do this without giving it a second thought.

Even though we cannot STOP global warning as so many so called "Friends of the earth" are preaching, we do have a responsibility to start to clean up the mess that mankind has imposed upon our "Heavenly Home" by our past and present generations.

This MUST MEAN that a new "science" must evolve—a science of "Non-polluting Power Generation", of "Restoration of the Environment" of "Waste conversion into bio-usable products and doing away with "Waste Management" as it is practiced today. This, at present merely moves waste products to an area where waste is no longer on our doorstep.

The incidence of asthma, bronchial pneumonia and other related illnesses and allergies are increasing exponentially as air pollution increases. The introduction of anti-biotics into cattle is reducing their affect in the medical treatments of humans and lowering the natural immune systems of most of us but of which we are unaware. Pollution is already in our food, in our air, in our water supply and now also found in our clothes, carpets, paints etc. The time for action is now—It is expedient on us to be ready for a lower standard of living to allow the human race to continue. It is our children and grand-children's birthright that we are "messing up." Another great man once said—"For evil to succeed, it only requires that all good men do nothing."

As an Institute, it is my hope that each and every one of us will not fail in our task of practicing and encouraging conservation and prevention of evil in every area of our lives. "Maintenance of the Sanctity of Life" is not a periodic function but a continuous drive to live and to live the best lives we can—We are our brother's keeper! As much as he is mine.

Reg Husbands, FChTP, President