

HOW NEW TECHNOLOGIES AND THE NEW INDUSTRY REVOLUTION BOOST THE ECONOMY THROUGH SMART CONNECTIVITY

Ramjee Prasad, PhD

Knight ("Ridder") of the order of Dannebrog, a distinguished award by the Queen of Denmark

FELLOW IEEE, IET, IETE, WWRF

Founder President , CTIF GLOBAL CAPSULE;

Founder Chair, Global ICT Standardization Forum for India (GISFI)

Distinguished Professor, Department of Clinical Sciences and Translational Medicine,

University of Rome "Tor Vergata" , Rome, Italy

Professor, Future Technologies for Business Ecosystem Innovation (FT4BI)

Department of Business Development and Technology

School of Business and Social Sciences

Aarhus University, Herning, Denmark

Email ID: ramjee@btech.au.dk

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Permeability for new challenges !

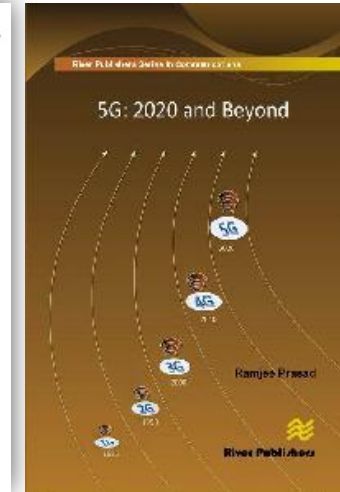
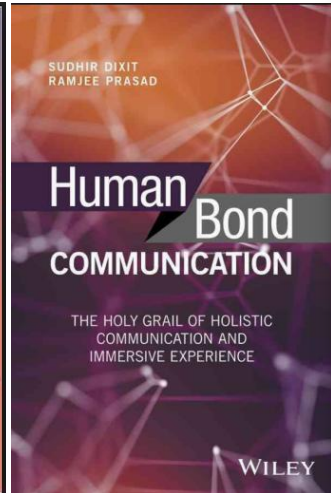
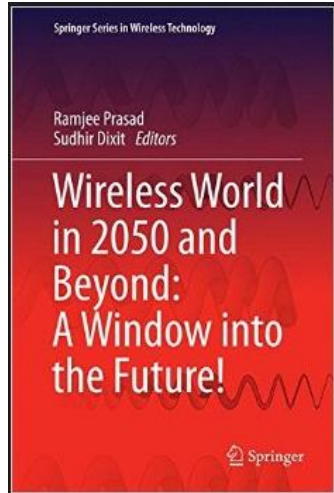
**We will always be a kid for
challenges at every stage of our life!**



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Always Inspirationally Motivated



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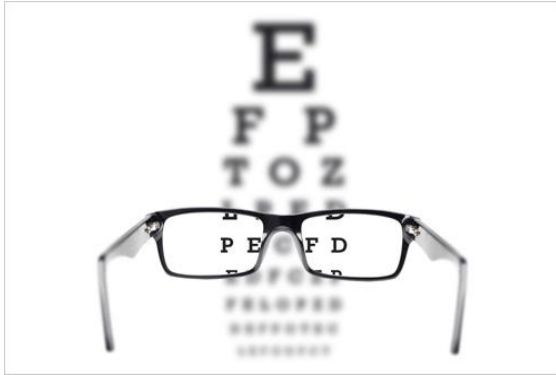
What Is Missing?

The gap !

- Business Ecosystems and Academia are not cohesively linked with each other.
- Large portion of research findings remain unnoticed by the industry and business sectors.
- The real purpose of academia, i.e. " benefitting the people" somehow remains incomplete.



What is wrong?



Business and academic sectors are narrowly sighted to each other due to lack of mutual exchange of knowledge.



Only, potentially lucrative ideas gain attention and several equipotent innovative ideas are not well appreciated.



Eventually, very few participate in the game, draining ample potential and growth.

Why FT4BI?

Because outreaching is the best way to explore new possibilities!

And, a lot of them are just underneath !



What Are FT4BI' s Scopes?

Business Technology



Bridging the gap between the two sectors of Human Society



Smoother knowledge sharing for a sturdy convergence.



Systematic & coordinated innovations

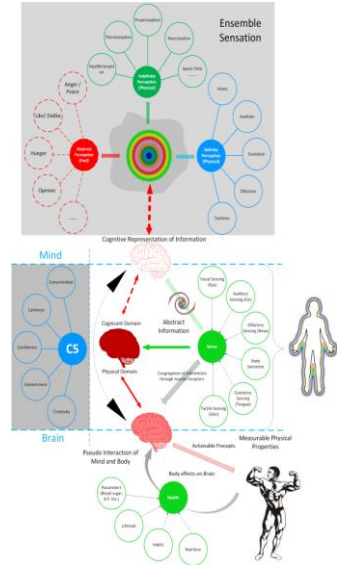
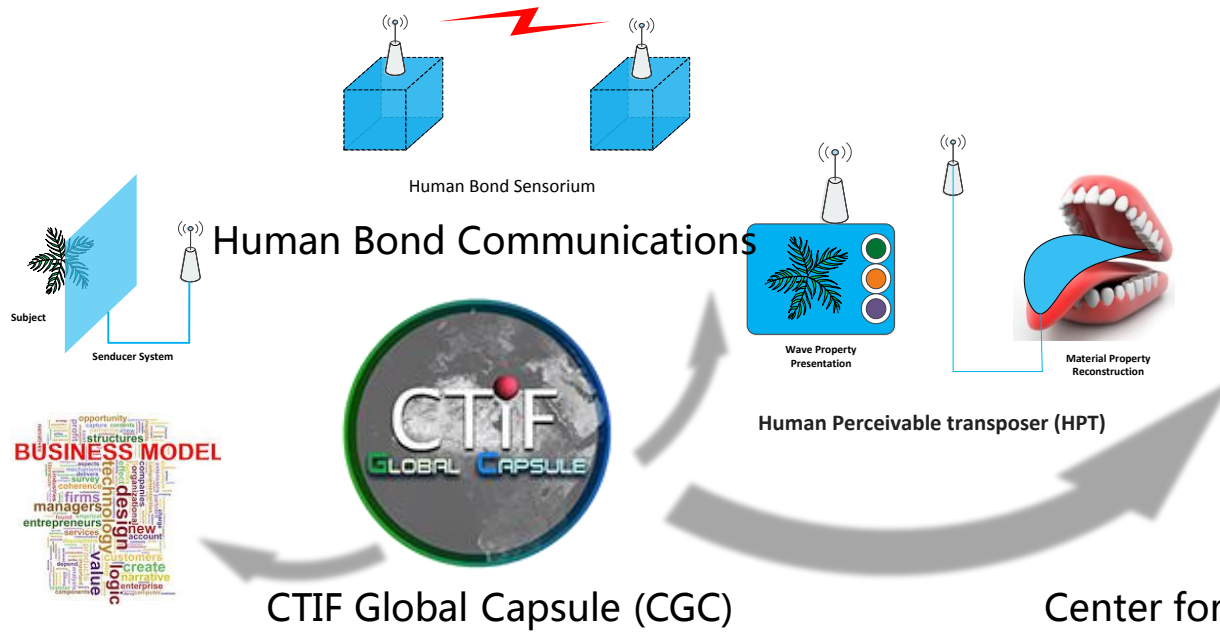
Urge to Deliver



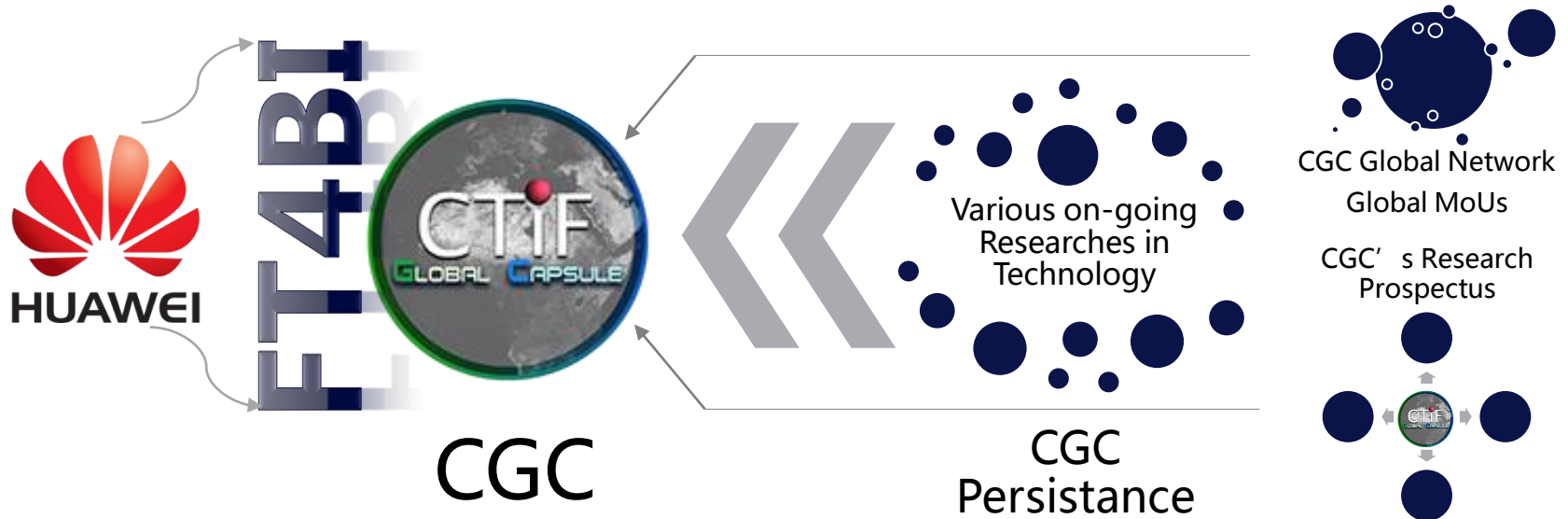
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FT4BI' s Research Prospectus





How FT4BI Can Strengthen Huawei?



Huawei can benefit from the CGC's incumbent long experience and assets that it has achieved over the time

5G→FUTURE WIRELESS COMMUNICATION ERA (FWCE)

1G (1980)  5G (2020)
5G (2020)  FWCE (2050)

Future Wireless Communication Era (FWCE)



Human Bond Communications (HBC)

+

Feeling Identification and Transmission (FIT)

+

Knowledge Home (KH)



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HUMAN BOND COMMUNICATION (HBC)

Human Bond Communications (HBC) is a novel Personal Network concept that has capability to express and transform all the five human senses in information domain so that it can be transmitted and received like any other existing data form that are being exchanged today.

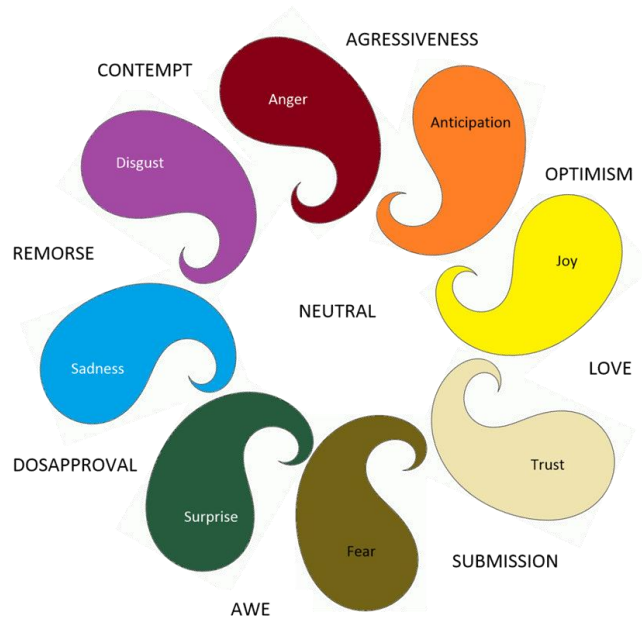
Ramjee Prasad - 2014



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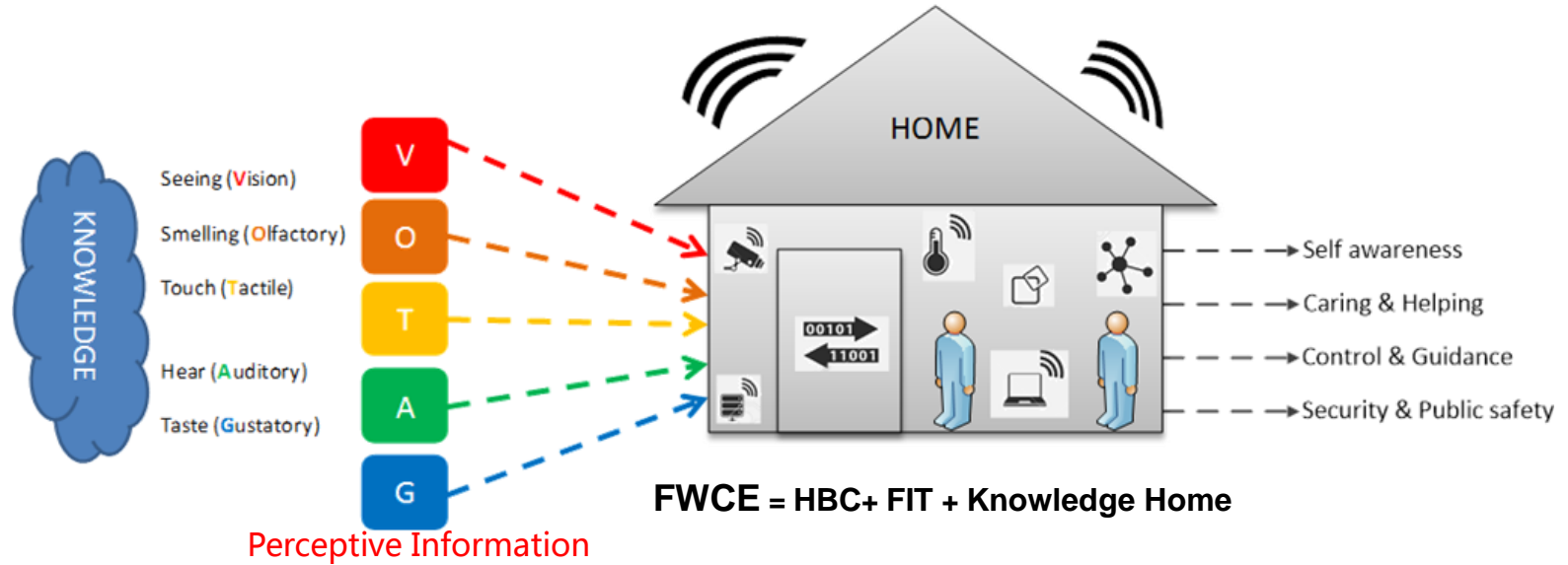
FEELING IDENTIFICATION AND TRANSMISSION (FIT) DEFINITION



The combination of two emotions
make a feeling

Robert Plutchik- 1927-2006

KNOWLEDGE HOME (HUMAN BOND COMMUNICATION BEYOND 2050)



- Home will be the platform for exchanging the perceptive information between individuals. This perceptive information altogether in its exchangeable format is the Knowledge that individuals attain.
- Knowledge Home is the foundation for Future Wireless Communication Era (2050)

FT4BI: Creating New Business Scopes

About 30-40% of researchers/ employees in any developed country are foreign nationals. This is the most successful model ever conceived in human history, where there is always a win-win situation.

FT4BI shall focus on creating a convergent research platform for the researchers from different flavors of land and cultures, which will open the gates for mutual knowledge exchange, thereby, more business opportunities.

FT4BI, being created in the fantabolus envionment of Aarhus BSS, will surely cultivate the a new seed of thinking out-of-the-box among the aspirants.



FT4BI: Creating New Research Domains

Amalgamation of business and technology for common cause shall widen the horizons of the business ecosystems.

The business oriented researches (BoR) and research oriented businesses (RoB) will be pivotal for the future socio-economic paradigm.

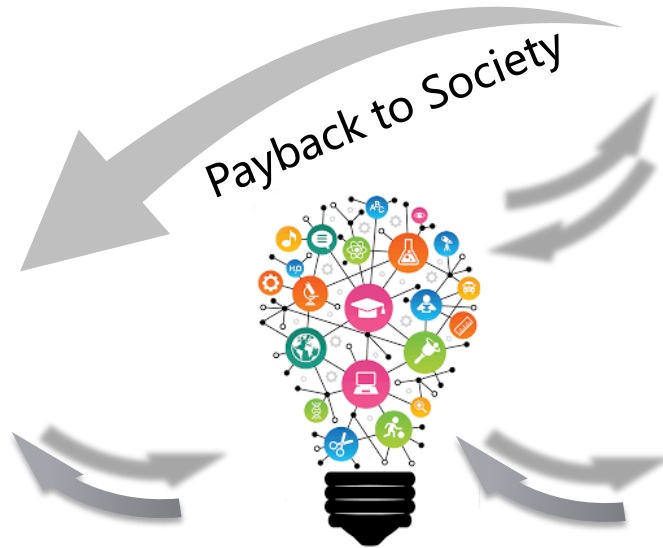
It is inevitable for future researches to be not only inter-/cross- disciplinary, but also to be inter-/cross- domain. FT4BI' s is making strides to achieve this goal.



The Ecosystem



Researchers' Base

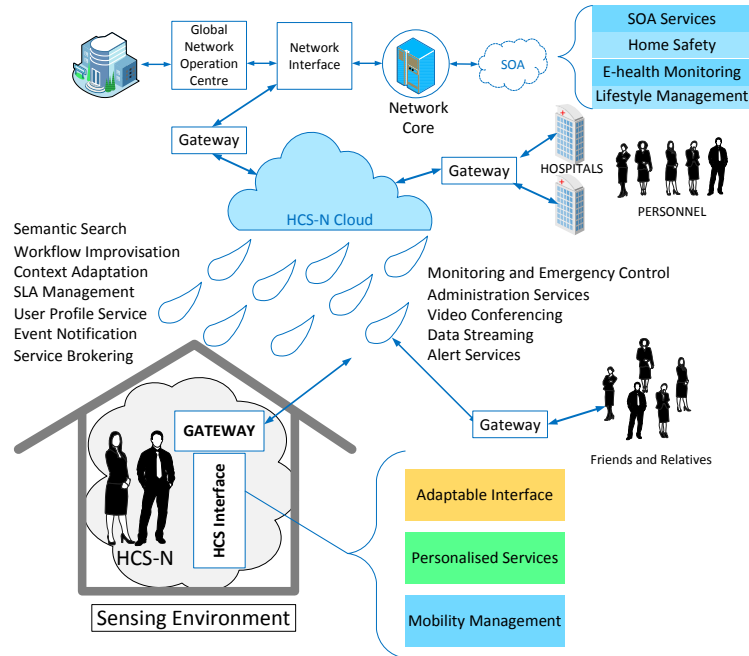


BoR & RoB Innovations

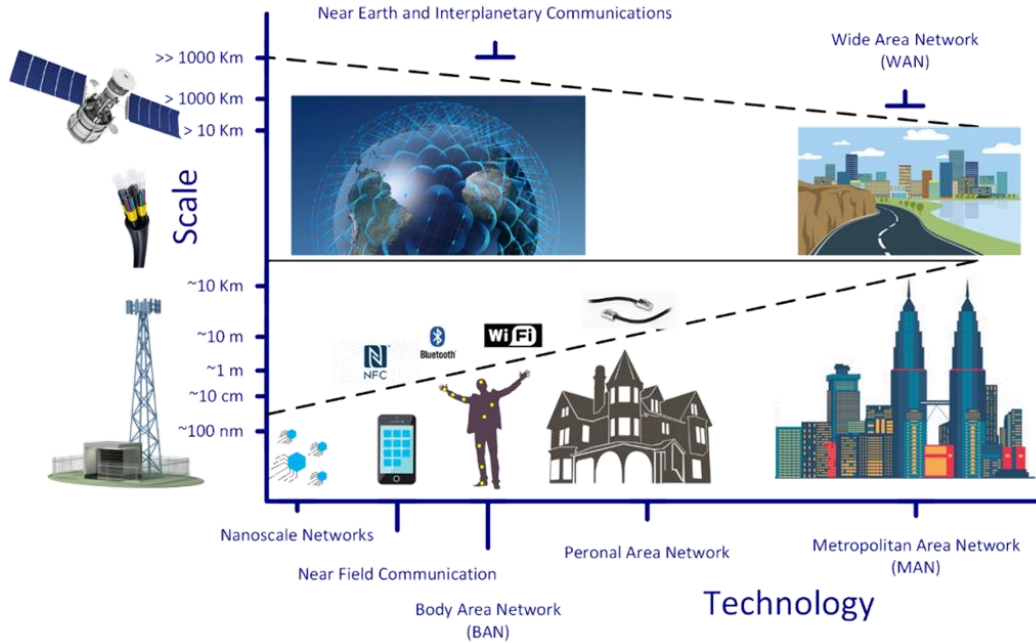
Payback to Society



SMART CONNECTIVITY SCENARIOS



SMART CONNECTIVITY SCENARIOS AND ENABLING TECHNOLOGIES



CONCLUSIONS (1)

- Reaching to the enhanced and efficient communication by using all five senses to communicate (HBC).
- Enriching the society with Knowledge and awareness of own/ other feelings by transmitting different feelings (FIT).
- Combining two novel concepts of HBC and FIT to have a safe, reliable and pleasant environment to live, which is defined as Knowledge Home (KH).
- The Future Wireless Communication Era (FWCE) is the sum of these three unique concepts namely, HBC, FIT, and KH.
- 5G is a pillar of the foundation of the FWCE.

CONCLUSIONS (2)

- **A world of interconnected devices for increased or full industrial automation**
- **Need to establish standards**
 - Interoperability
 - Security
- **Market drivers:**
 - Smart connectivity; high smart mobile device adoption; large smart connectivity investments
- **Open barriers:**
 - Security concerns
 - Privacy concerns
 - Implementation
 - Technological fragmentation