

Index

- Academic cultures, 10
- American Academy of Arts and Sciences, 128
- American National Academy of Sciences, 128
- Aristotle's Rhetoric (AR) model, 188–189
- 'Best Knowledge' media, 190–191
- Career stage, casting phase, 164
- Coercive power, 72
- Commitment to practice, 83–84
- Communication Model, 40
 - See also* Neuro Linguistic Programming (NLP) model
- Competence model, 82
 - awareness level, 84
 - development process, 84
 - Gordon Training, 82
 - Knowledge Entrepreneur (KE) Toolkit, 86
 - conflict/placative compromise, 85
 - degrees of diversity, 85
 - disciplinary skill sets, 86
 - foundational components, 87
 - groups learning challenges, 85
 - self-assessment, 84, 85
 - self-reflection, 85
 - origins, 81
 - real-time feedback, 83
 - relevance and effectiveness, 82
 - sources, 82
- Complex adaptive systems, 12
- Complexity theory, 12, 59
- Complex responsive processes (CRPs), 12, 13, 186
 - individual mind, 15
 - Knowledge Entrepreneur (KE) and, 16–17
 - Stacey's theory. *See* Stacey's theory
- Consumer expectations, 1
- Conversational patterns
 - degree of diversity, 63
 - elements, 66
 - features, 65–66
 - group discussion map, 60, 61
 - High diversity group (HDG) forums, 62
 - MBTi personality indicator, 63
 - 'misinterpretations', 63
 - organisational life reality, 64
 - resilience demonstration, 65
 - 'self-initiated' (SI), 64
 - Stacey's Complex Responsive Processes (CRPs), 59
- Creative knowledge process
 - brainstorming, 107
 - 'Branson thinking', 108

- double loop learning (DLL),
 - 108
 - quarantine and incubate (Q&I), 107
 - re-framing, 107–108
- Decision-making process
 - clumping, 108–109
 - consensus testing, 109
 - negotiation, prioritising and voting, 109
- Disciplinary boundaries, 2
- Disciplinary research, 26, 127
- Discipline-based conferences, 8
- Discursive process, 12
- Diversity-informed discourse, 4
- Double loop learning (DLL),
 - 44, 49
 - academics and professionals, 50
 - development of, 47
 - habitual behaviours, 48
 - practice of, 48
 - process of, 50
- Emotional intelligence (EQ), 25, 31
- Engagement, 186–187
- Experiential learning, 169
- Expert power, 72
- Faculty Leadership Group, 73
- Feedback process, 35
 - filters, 40
 - giving and receiving feedback model, 39
 - personalities and values, 38
 - principles, 40–43
 - university feedback systems, 38
- Foundational framework
 - elements, 28, 29
- Gardiner's theory, 31
- Group dynamic management
 - process
 - change state, 110
 - check in/out, 110
 - 'constructive tension', 109
 - group conversation map, 111
 - perceptual position 3 (P3), 110–111
 - political landscape, 111
- Group mind, 15–16
- High diversity groups (HDGs),
 - 2, 3, 157–158
 - artefacts, 99
 - basic assumptions, 99
 - characteristics
 - degree of contrast, 97
 - discursive process, KE Toolkit, 95
 - fluid and
 - adaptable agenda, 94
 - learning culture, 96
 - participants role, 96
 - problem redefinition, 94–95
 - skill set and process, 96
 - solution focused and creatively orientated, 93
 - trust levels, 95
 - unusual diversity, 94
 - collaborative and distributed
 - leadership culture, 5
 - demand behaviours and process, 98
 - diverse disciplinary/professional perspectives, 91
 - diversity-informed discourse, 4
 - diversity types, 92
 - espoused values, 99
 - establishment phases, 160
 - casting, 162–166
 - engagement, 166–167
 - learning and performing, 167–171

- performing and learning, 172–174
- performing and reporting, 175–176
- performing, evaluating and learning, 174–175
- explicit knowledge, 97
- features, 92–93
- group performance, 5, 6
- guiding coalition (GC), 160–162
- vs.* high diversity, 10–12
- high diversity leadership groups (HDLGs), 92
- high diversity research groups (HDRGs), 92
- ‘normal’ groups, 93
- organisational culture, 97, 98, 100
- Process Playlist, 4, 5, 92
 - creative knowledge process, 107–108
 - decision-making process, 108–109
 - facilitation, 103–106
 - group dynamic management process, 109–111
 - learning process, 111–114
 - phases, 101–103
 - sense-making process, 106–107
 - symbolic practices. *See* Symbolic practices
- relationship management, 184
- Schein’s model, 97
- self-awareness, 184
- self-management, 184
- skill development and cultural change, 180
- skill levels and cultural practices, 7
- skills requirement, 7
- social awareness, 184
- types
 - high diversity leadership groups (HDLGs). *See* High diversity leadership groups (HDLGs)
 - high diversity research groups (HDRGs). *See* High diversity research groups (HDRGs)
- High diversity leadership groups (HDLGs), 27, 92, 119
 - conflict/placative compromise, 19
 - creativity and innovative solutions, 121–122
 - functions, 17
 - leadership and management, 18
 - implications, 123
 - Kotter’s descriptors, 122
 - skill sets, 123
 - leadership groups
 - characteristics, 124
 - development of, 127
 - ‘normal’ leadership culture, 124, 125
 - skills and cultures, 126
 - university leadership group, 126
- High diversity research groups (HDRGs), 19–21, 27, 92, 119
 - American Academy of Arts and Sciences, 128
 - American National Academy of Sciences’, 128
 - conflict/placative compromise, 129
 - convergence research, 128
 - disciplinary research, 127
 - discipline-based ‘constraints’, 136

- disciplines boundaries, 134
 - grand challenges, 130–131
 - ‘home’ disciplines, 129
 - inter-disciplinary research, 127, 129
 - Janelia Research Campus, 135
 - MIT Media Lab, 135
 - multi-disciplinary research, 127, 130
 - National Research Council’s Convergence report, 131
 - patronage, 132–133
 - Standford Interdisciplinary, 134
 - Trans-disciplinarity Lab (TdLab), 135–136
 - trans-disciplinary research, 127, 129
 - wicked problems, 130–131
- Individual mind, 15–16
 - Intelligence, 9–10
 - Inter-disciplinary research, 127, 129
 - Inter-personal and intra-personal intelligences, 31, 32
 - Interpersonal skills, casting phase, 165
 - Inter-personal/social components
 - relationship management development of, 67
 - ‘natural act’, 67
 - political landscape. *See* Political landscape
 - rapport. *See* Rapport
 - values, beliefs and interests, 66
 - work demands, 67
 - social awareness
 - conversational patterns, 54
 - high diversity groups (HDGs), 53
 - perceptual positions, 54
 - personal perspectives, 54
- Intra-personal/self components
 - self-awareness. *See* Self-awareness
 - self-management. *See* Self-management
- Knowledge Entrepreneur (KE), 2
 - complex responsive processes (CRPs) and, 16–17
 - conflict/placative compromise, 4, 9
 - definition, 3
 - organisational development activities, 21–22
 - role, 3, 4, 22
 - disciplinary research, 26
 - efficacy of, 27
 - emotional and social intelligence, 25
 - exceptional performance, 25
 - high diversity leadership groups (HDLGs), 27
 - high diversity research groups (HDRGs), 27
 - high-level intelligence, 26
 - management skills, 26
 - ‘people issues’, 28
 - personal and inter-personal skills, 27
 - self and social awareness, 26
 - traditional intelligence, 26
 - transform group performance, 25
 - skills requirement, 7
 - Toolkit. *See* Knowledge Entrepreneur (KE) Toolkit

- traditional group leader/
 - facilitator skills, 5
 - Knowledge Entrepreneur (KE)
 - Toolkit, 4, 16
 - behavioural competencies,
 - 28, 30, 33
 - competence model, 86
 - conflict/placative
 - compromise, 85
 - degrees of diversity, 85
 - disciplinary skill sets, 86
 - foundational components,
 - 87
 - groups learning
 - challenges, 85
 - self-assessment, 84, 85
 - self-reflection, 85
 - elements, 28, 29
 - components, 32
 - inter-personal and intra-
 - personal intelligences,
 - 31, 32
 - practical and ‘accessible’
 - framework, 32
 - foundational framework,
 - 28, 29
 - high diversity groups
 - (HDGs), 30
 - inter-personal/social
 - components. *See*
 - Inter-personal/social
 - components
 - intra-personal/self
 - components. *See*
 - Intra-personal/self
 - components
 - mental models, 28, 30
 - foundational components
 - and, 33
- Language challenge, 188
- Leadership, 181
 - groups
 - characteristics, 124
 - development of, 127
 - ‘normal’ leadership
 - culture, 124, 125
 - skills and cultures, 126
 - university leadership
 - group, 126
 - and management, 18
 - implications, 123
 - Kotter’s descriptors, 122
 - skill sets, 123
 - and skills and culture
 - assessment, 182–184
- Learning culture, 96
- Learning process
 - action learning, 113
 - adult-learning process, 112
 - competence level, 111
 - demonstrations, 113
 - feedback, 112–113
 - journal writing, 114
 - on-the-job learning, 112
 - reflective pairs, 113
 - skill development process,
 - 112
- Legitimate power, 72
- Logically evolving pattern, 14
- Mental models, 28, 30
 - conversational patterns, 54
 - See also* Conversational
 - patterns
 - foundational components
 - and, 33
 - perceptual positions. *See*
 - Perceptual positions
 - political landscape. *See*
 - Political landscape
 - rapport. *See* Rapport
 - self-awareness. *See*
 - Self-awareness
 - self-management. *See*
 - Self-management
- MIT Media Lab, 135
- Multi-disciplinary research,
 - 127, 130

- Myers–Briggs Type Indicator (MBTi), 35, 63
 accessibility, 37
 Good type development, 37
 Jung's theories, 36
 personality indicator, 38
 reliability and validity, 37
 Reported Type, 36
 results, 36
 sense-making interpretations, 37
 validation process, 36
- Neuro Linguistic Programming (NLP) model, 44
 challenge to, 47
 external event, 47
 in-depth training, 45
 process, 46
- Normalising conversational pattern, 15
- Normalising/stabilising pattern, 13
- Organisational culture, 97, 98, 100
- Perceptual positions, 105
 body language, 55, 57
 common interest/political parties/social interest groups, 55
 communication model (filters), 54
 conversation course, 56
 decision-making, 55
 degree of comfort/discomfort, 58
 degree of mastery, 54
 emotional state, 58
 empathy and rapport levels, 54
 energy-sucking effect, 59
 facial expressions, 55
- Neuro Linguistic Programming (NLP), 54
 productive and robust process, 58
 'the lazy P2' technique, 57
 'turf protection' behaviour, 59
- Personal and inter-personal skills, 27
- Personal characteristics, casting phase, 164–165
- Political acts, 189–190
- Political landscape
 awareness of, 75
 behavioural competencies, 77, 78
 coercive power, 72
 constructive tension, 71, 76
 expert power, 72
 Faculty Leadership Group, 73
 feedback exercise, 78
 foundational components, 78
 leadership type, 77
 legitimate power, 72
 'one-off' training session, 78
 organisational politics and power, 72
 power types, usage, 74, 75
 referent power, 72–73
 reward power, 72
 Stacey's concept, 71
 types, 74
- Political party formation, 191–192
- Population growth, 1
- Professional cultures, 10
- Rapid emergence pattern, 14, 16
- Rapid technological development, 1
- Rapport
 authenticity, 68

- body posture, 69
- communication model, 70
- counter-intuitive behaviour, 70
- ‘feeling’, 68
- importance of, 70–71
- judgements and
 - generalisations, 67
- ‘mine’ diversity, 70
- mining diversity, 68
- ‘private side’, home, 68
- ‘professional side’, work, 68
- rigidity level, 70
- social-awareness skills, 69
- Referent power, 72–73
- Reflexive process, 15
- Relationship management, 3, 9, 29, 32
 - development of, 67
 - ‘natural act’, 67
 - political landscape. *See* Political landscape
 - rapport. *See* Rapport
 - values, beliefs and interests, 66
 - work demands, 67
- Reward power, 72
- Schein’s model, 97
- Self-awareness, 3, 9, 29, 32
 - feedback process, 35
 - filters, 40
 - giving and receiving
 - feedback model, 39
 - personalities and values, 38
 - principles, 40–43
 - university feedback systems, 38
- Myers–Briggs Type Indicator (MBTi), 35
 - accessibility, 37
 - Good type development, 37
 - Jung’s theories, 36
 - personality indicator, 38
 - reliability and validity, 37
 - Reported Type, 36
 - results, 36
 - sense-making
 - interpretations, 37
 - validation process, 36
- Self-management, 3, 9, 29, 32
 - development of, 43
 - double loop learning (DLL), 44, 49
 - academics and professionals, 50
 - development of, 47
 - habitual behaviours, 48
 - practice of, 48
 - process of, 50
 - Neuro Linguistic Programming (NLP) model, 44
 - challenge to, 47
 - external event, 47
 - in-depth training, 45
 - process, 46
 - time efficiency and productivity, 44
- Sense-making process
 - diverse viewpoint
 - presentations, 106
 - individual reflection, 106
 - mind mapping, 107
 - small groups, 106
 - whole group discussions, 106
- Social awareness, 3, 9, 29, 32
 - conversational patterns, 54
 - See also* Conversational patterns
 - HDGs, 53
 - perceptual positions, 54
 - personal perspectives, 54
 - See also* Perceptual positions
- Social entrepreneur, 3
- Social intelligence, 25

- Sociology and group analysis, 12
- Stacey's theory, 12
 - conversational patterns, types, 13
 - emergence of, new ideas, 14
 - logically evolving pattern, 14
 - normalising/stabilising pattern, 13
 - rapid emergence pattern, 14
- Symbolic practices
 - agenda, 116
 - group size, 118
 - HDG BUS, 118–119
 - materials, 117
 - meeting space, 115–116
 - meeting time, 116
 - music usage, 116–117
 - photography, 117
 - right brain stuff, 117–118
 - skills/process, 114
 - wall space, 117
- 'Time-efficient' process, 105
- Trans-disciplinarity Lab (TdLab), 135–136
- Trans-disciplinary research, 127, 129
- University cultures, 3
 - academic and professional cultures, 10
 - discipline-based conferences, 8
 - excellence and innovation, 9
- Unsustainable resource consumption, 1